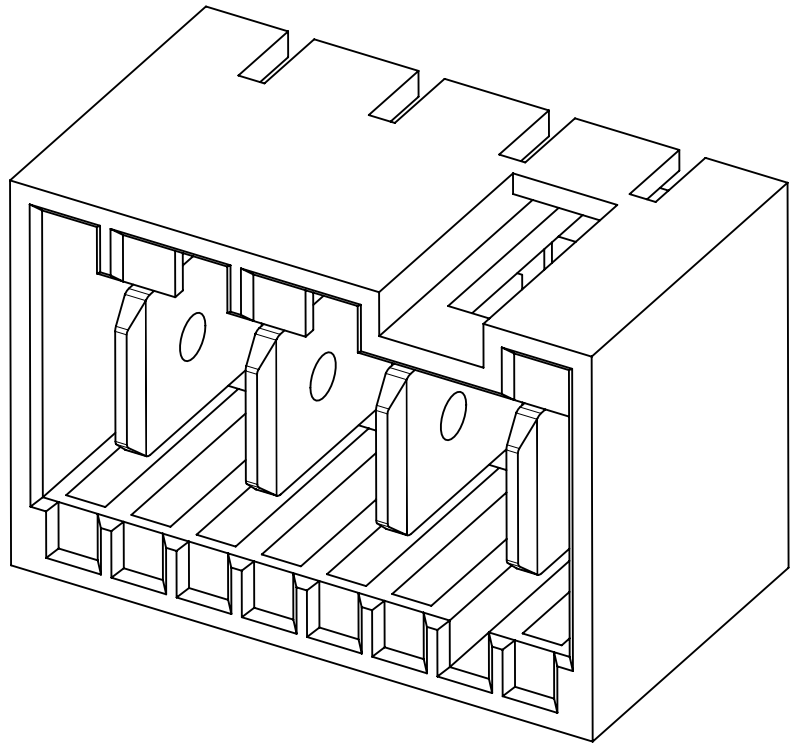
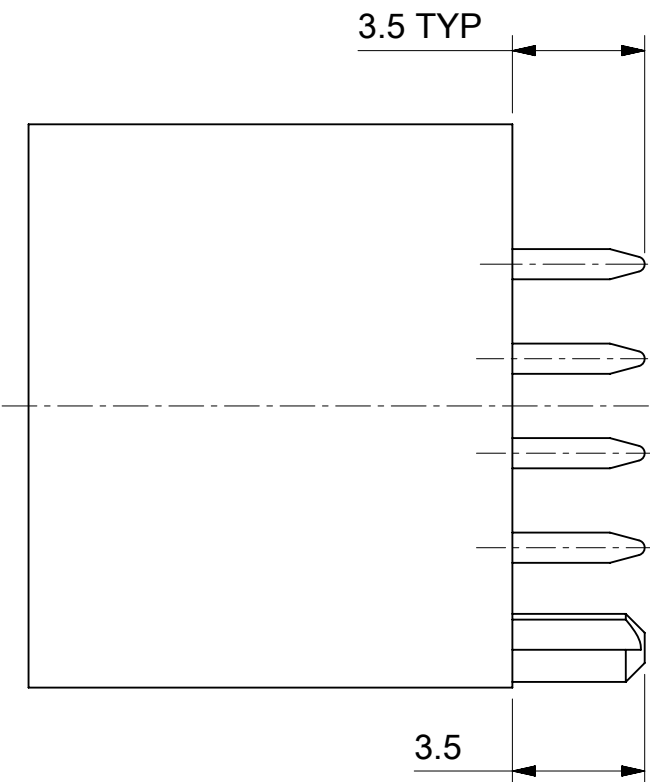
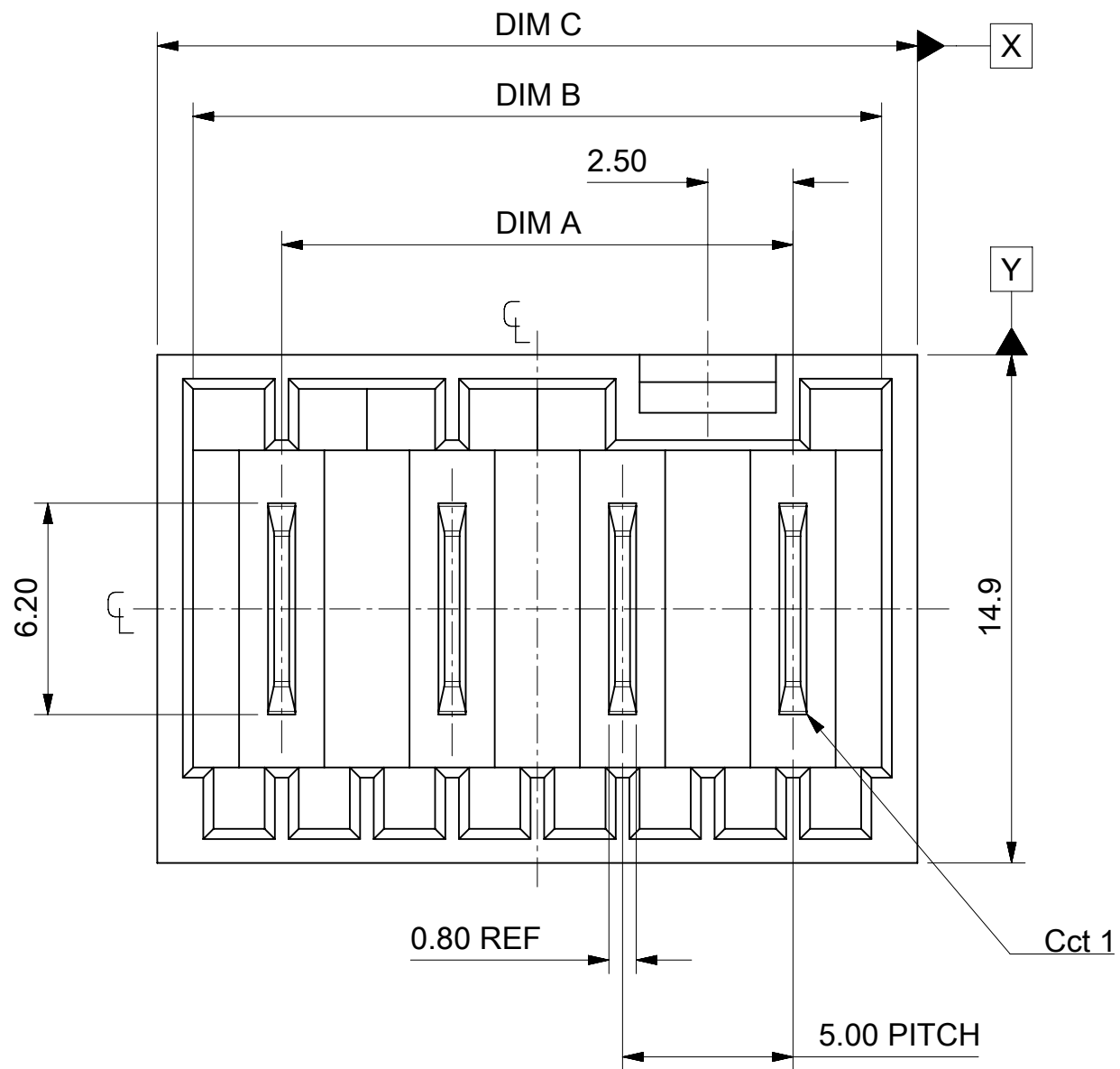
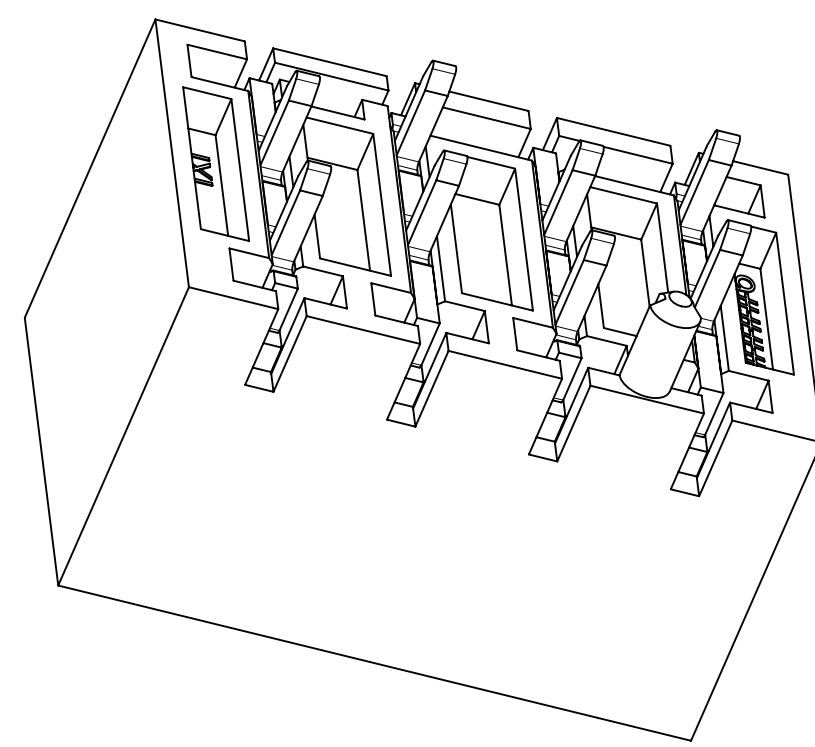


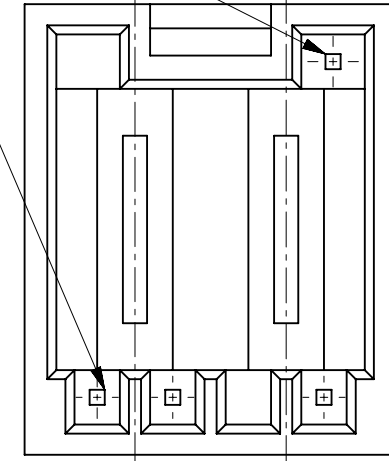


SCALE 4:1



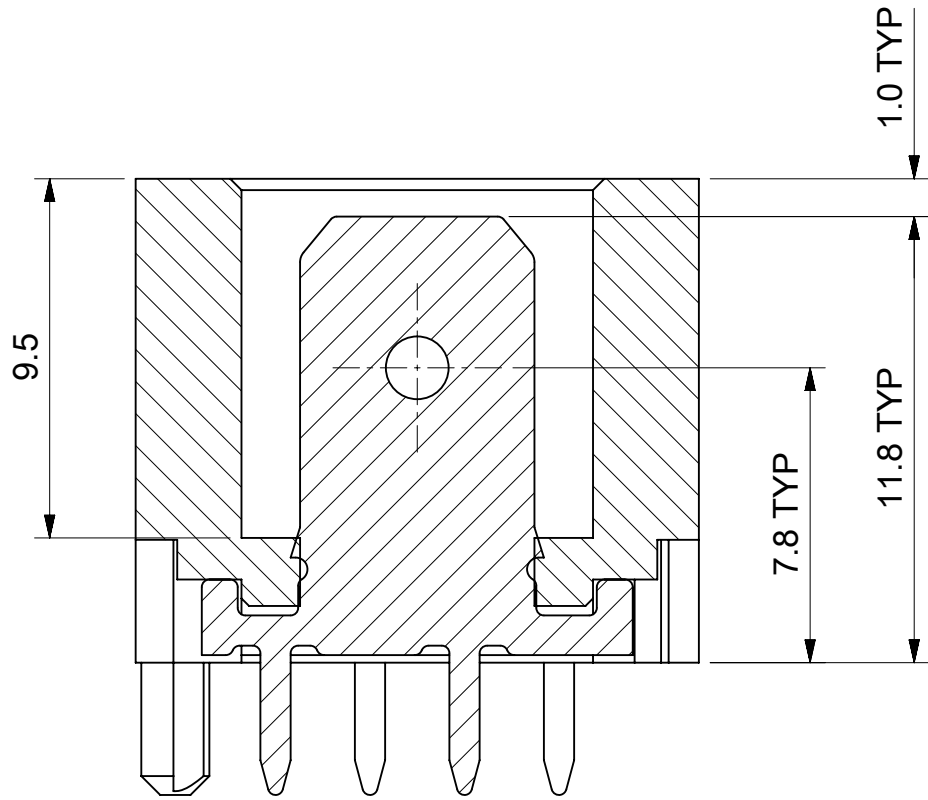
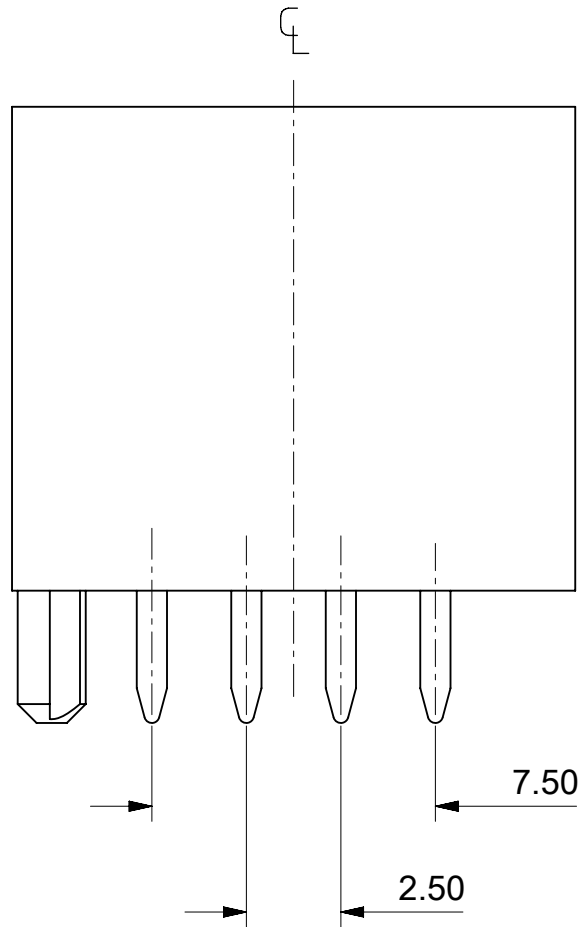
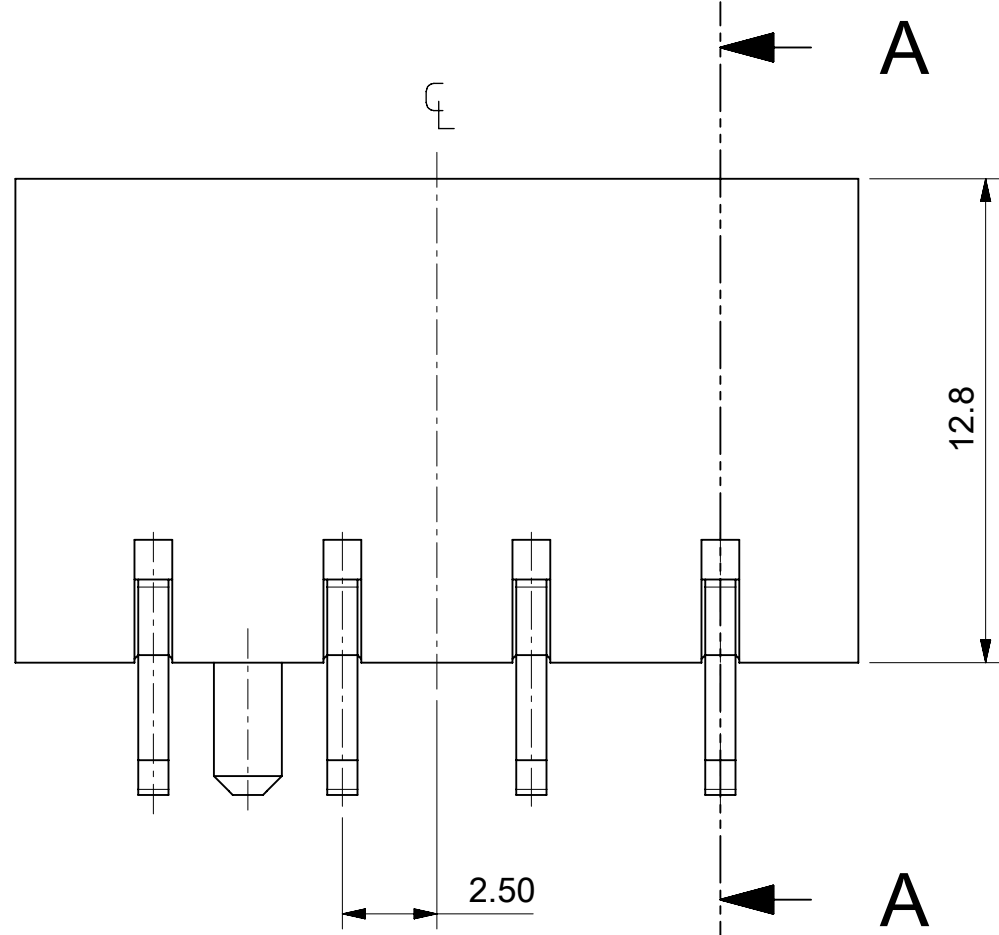
SCALE 4:1

HOLES ON SOME TOOLED VERSIONS

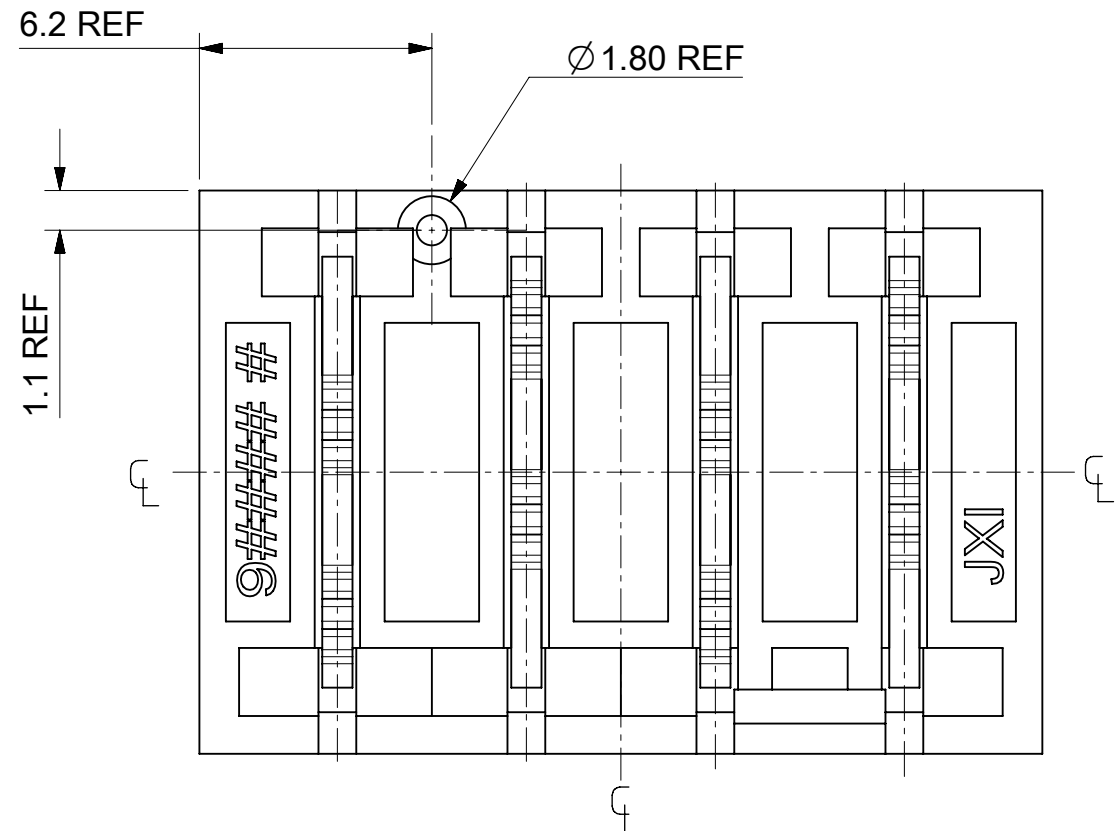


SCALE 4:1

| CCT | DIM A | DIM B | DIM C | TOL     |
|-----|-------|-------|-------|---------|
| 2   | 5.00  | 10.20 | 12.30 | +/-0.30 |
| 3   | 10.00 | 15.20 | 17.30 |         |
| 4   | 15.00 | 20.20 | 22.30 |         |
| 5   | 20.00 | 25.20 | 27.30 |         |
| 6   | 25.00 | 30.20 | 32.30 |         |
| 7   | 30.00 | 35.20 | 37.30 |         |
| 8   | 35.00 | 40.20 | 42.30 |         |
| 9   | 40.00 | 45.20 | 47.30 |         |
| 10  | 45.00 | 50.20 | 52.30 |         |
| 11  | 50.00 | 55.20 | 57.30 |         |
| 12  | 55.00 | 60.20 | 62.30 |         |



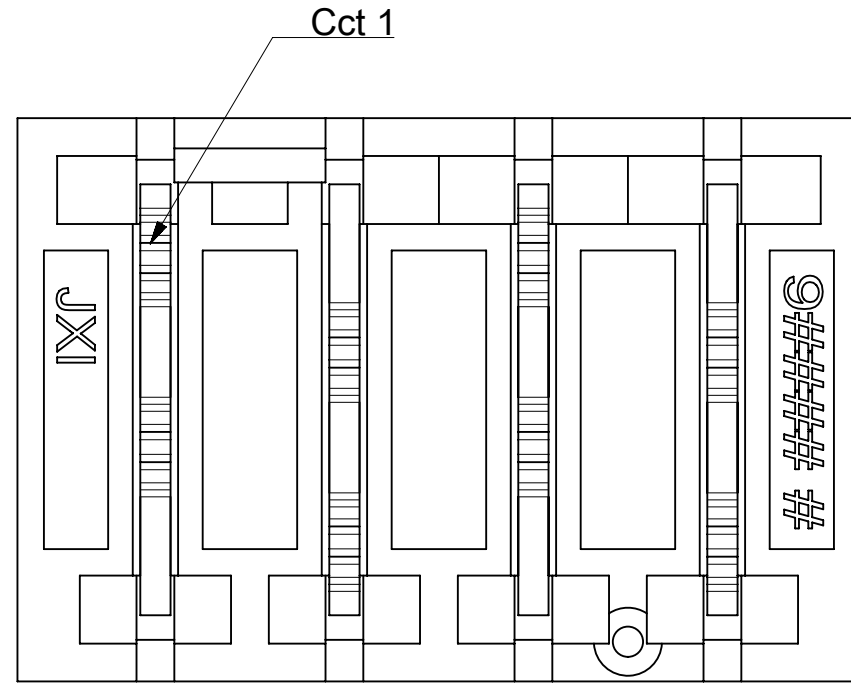
SECTION A-A



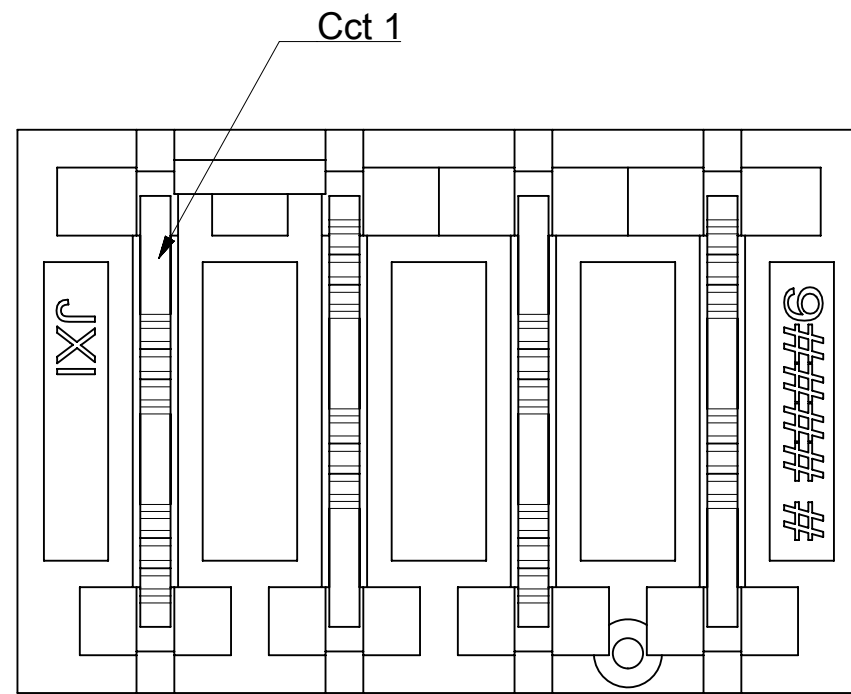
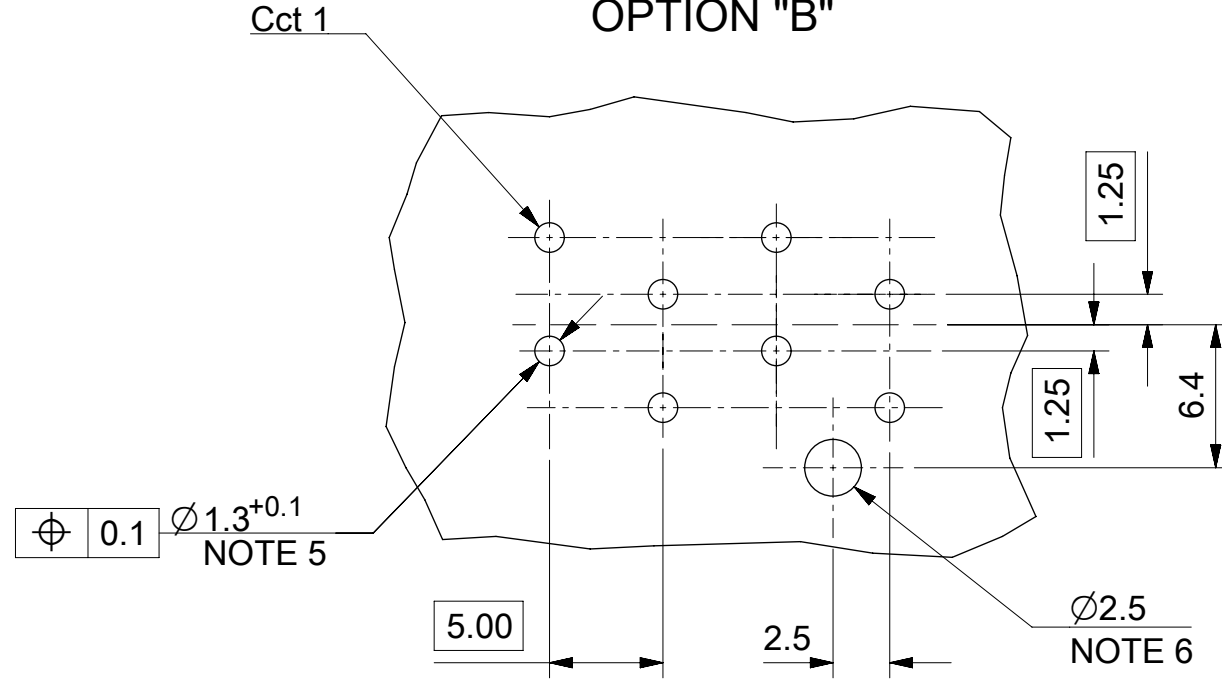
NOTES:

- MATERIALS  
HOUSING: 30% GLASS-FILLED PBT, UL94 V-0  
TERMINAL: BRASS 0.80 REF. THICK  
PLATING: OPTIONAL (SEE CHARTS SHEETS 2-7)  
TIN PLATING OPTION: 3µm TIN OVER 1.27µm NICKEL ALL AREAS  
  
SELECTIVE SILVER  
CONTACT AREA: 2µm SILVER OVER 1.27µm  
NICKEL. ALL OTHER AREAS FLASH OF SILVER 0.10µm
- PRODUCT CONFORMS TO SPECIFICATION PS-99020-0037
- MATES WITH MOLEX 91338, 90833, 90835, 91777, 91778 & 91779
- PARTS PACKAGED LOOSE IN PLASTIC BAGS
- PLATED THRU HOLE
- NON-PLATED THRU HOLE
- RECOMMENDED PCB THICKNESS: 1.5mm REF.

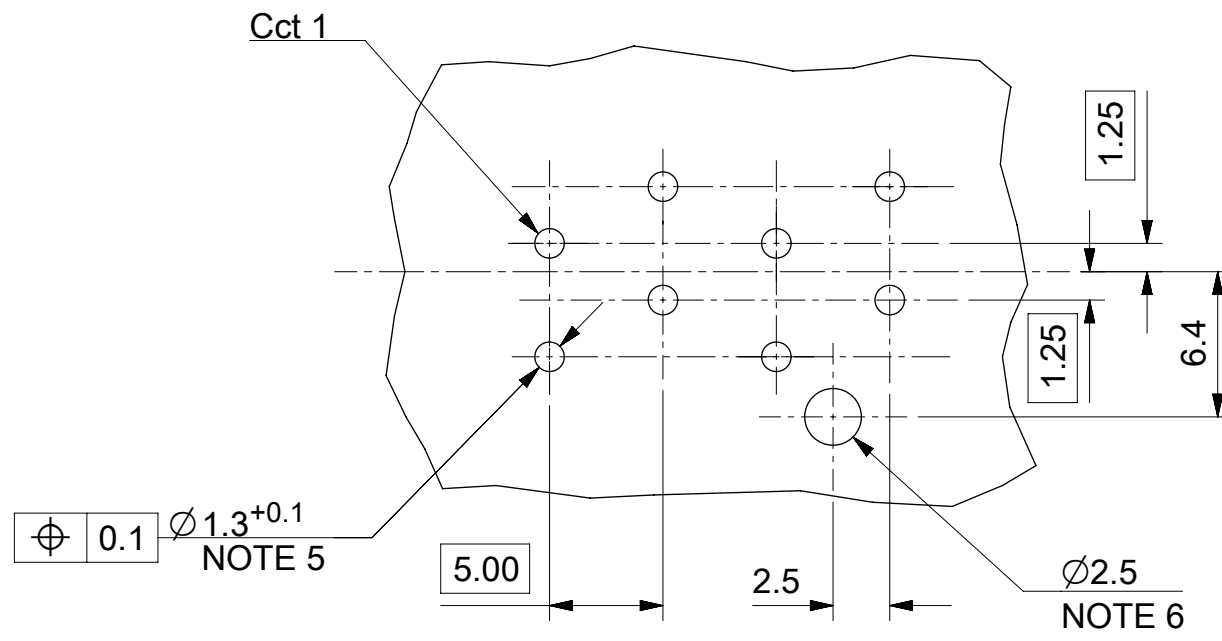
RECOMMENDED PCB LAYOUT



P.C.B. POLARISATION  
OPTION "B"



P.C.B. POLARISATION  
OPTION "A"



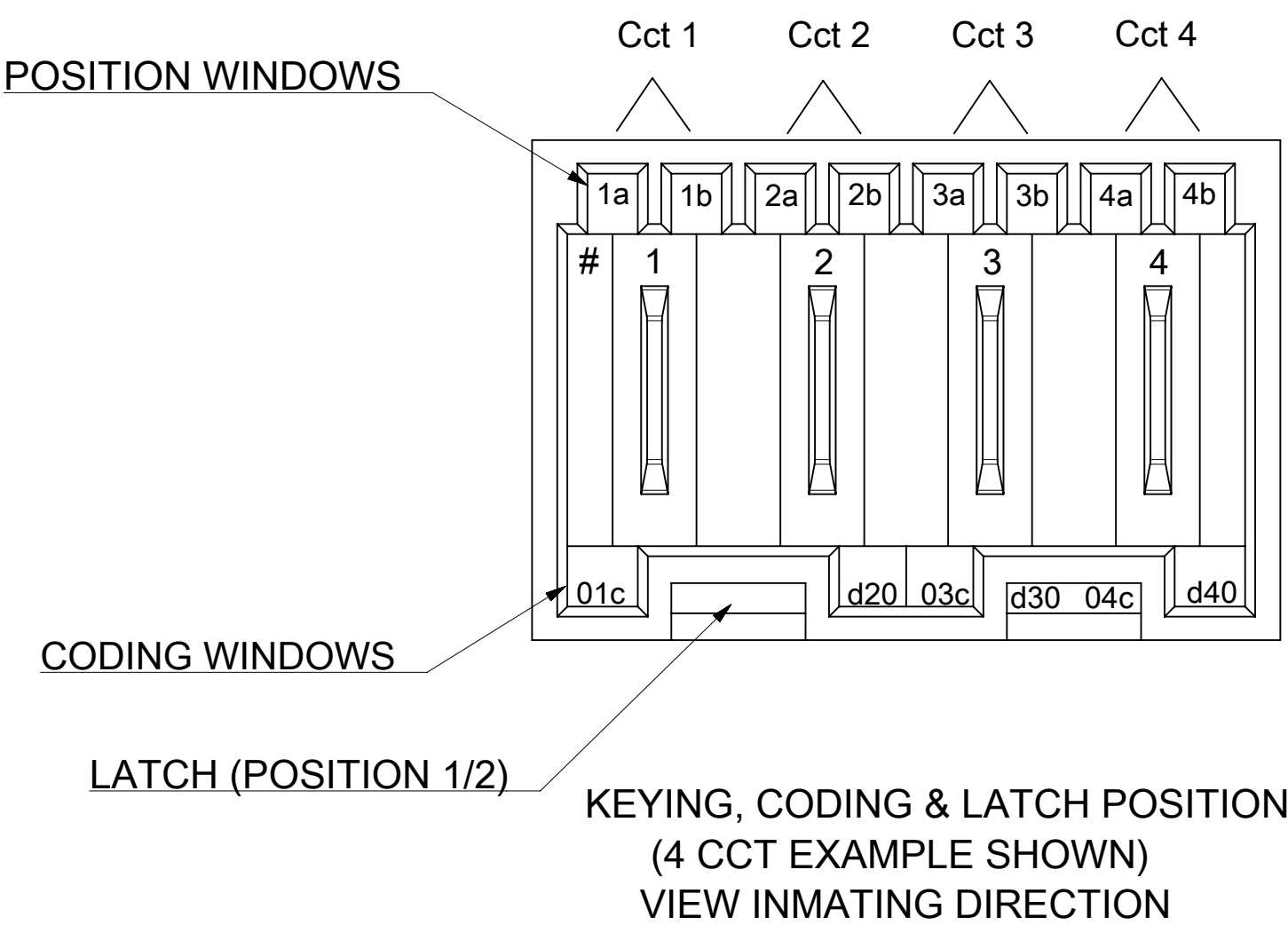
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| DIMENSION UNITS                                                                       |  | SCALE                                                                                 |  | CURRENT REV DESC:  |  |                 |  | molex                    |  |                |          |          |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------|--|-----------------|--|--------------------------|--|----------------|----------|----------|
| mm                                                                                    |  | 5:1                                                                                   |  |                    |  |                 |  |                          |  |                |          |          |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                              |  |                                                                                       |  |                    |  |                 |  | RAST 5 VERT HDR          |  |                |          |          |
| ANGULAR TOL ± 2.0 °                                                                   |  |                                                                                       |  |                    |  |                 |  |                          |  |                |          |          |
| 4 PLACES                                                                              |  | ±                                                                                     |  | EC NO: 790477      |  |                 |  |                          |  |                |          |          |
| 3 PLACES                                                                              |  | ±                                                                                     |  | DRWN: GOPIS        |  | 2024/06/26      |  |                          |  |                |          |          |
| 2 PLACES                                                                              |  | ±                                                                                     |  | CHK'D: GOPIS       |  | 2024/06/26      |  |                          |  |                |          |          |
| 1 PLACE                                                                               |  | ± 0.1                                                                                 |  | APPR: MRAMAKRISHNA |  | 2024/06/26      |  |                          |  |                |          |          |
| 0 PLACES                                                                              |  | ±                                                                                     |  | INITIAL REVISION:  |  |                 |  | PRODUCT CUSTOMER DRAWING |  |                |          |          |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                            |  |                                                                                       |  | DRWN: CRAODOREMS   |  | 2017/06/12      |  | DOCUMENT NUMBER          |  | DOC TYPE       | DOC PART | REVISION |
|                                                                                       |  |                                                                                       |  | APPR: BRUTTLE      |  | 2017/11/10      |  | 908580001                |  | PSD            | 000      | C1       |
| THIRD ANGLE PROJECTION                                                                |  | DRAWING                                                                               |  | SERIES             |  | MATERIAL NUMBER |  | CUSTOMER                 |  | SHEET NUMBER   |          |          |
|  |  |  |  | A1-SIZE            |  | 90858           |  | SEE TABLE                |  | GENERAL MARKET |          |          |
|                                                                                       |  |                                                                                       |  |                    |  |                 |  |                          |  | 1 OF 7         |          |          |



| SEE CODE DESIGNATION TABLE FOR NUMBERING |                   |             |         |                            |                          |                   |                                                                                       |                  |                      |                      | P.C.B.<br>POLARISATION<br>OPTION |
|------------------------------------------|-------------------|-------------|---------|----------------------------|--------------------------|-------------------|---------------------------------------------------------------------------------------|------------------|----------------------|----------------------|----------------------------------|
| FORMAT WHEN ADDING NEW PART NUMBER       |                   |             |         |                            |                          |                   |                                                                                       |                  |                      |                      |                                  |
| PART NO.<br>(TIN)                        | TERM NO.<br>(TIN) | HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES)                                                          | LUMBERG<br>K REF | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |
| 90858-0003 O                             | 91703-0002        | 91704-0002  | NATURAL | 1b 2a                      | 01c d20                  | 1/2               |    | K01              | 91703-0003           | 90858-0499           | A                                |
| 90858-0004                               | 91703-0002        | 91704-0003  | NATURAL | 1a 2b                      | 01c                      | 1/2               |    | K02              | 91703-0003           | 90858-0482           | A                                |
| 90858-0007                               | 91703-0002        | 91704-0004  | NATURAL | 1b 2b                      | 01c                      | 1/2               |    | K09              | 91703-0003           | 90858-0497           | A                                |
| 90858-0018 O                             | 91703-0002        | 91704-0005  | NATURAL | 2a                         | 01c d20                  | 1/2               |    | K03              | 91703-0003           | 90858-0495           | A                                |
| 90858-0019 O                             | 91703-0002        | 91704-0008  | NATURAL | 1a 2b                      | d20                      | 1/2               |    | K05              | 91703-0003           | 90858-0478           | A                                |
| 90858-0021                               | 91703-0002        | 91704-0006  | NATURAL | 1b                         | 01c d20                  | 1/2               |    | K16              | 91703-0003           | 90858-0492           | A                                |
| 90858-0022                               | 91703-0002        | 91704-0007  | NATURAL | 1a 2b                      | NONE                     | 1/2               |    | K06              | 91703-0003           | 90858-0491           | A                                |
| 90858-0027                               | 91703-0002        | 91704-0009  | NATURAL | 2b                         | NONE                     | 1/2               |    | K11              | 91703-0003           | 90858-0487           | A                                |
| 90858-0029                               | 91703-0002        | 91704-0010  | NATURAL | 1a 1b                      | d20                      | 1/2               |    | K13              | 91703-0003           | 90858-0486           | A                                |
| 90858-0030                               | 91703-0002        | 91704-0011  | NATURAL | 2a 2b                      | NONE                     | 1/2               |   | K31              | 91703-0003           | 90858-0485           | A                                |
| 90858-0032                               | 91703-0002        | 91704-0012  | NATURAL | 2b                         | d20                      | 1/2               |  | K38              | 91703-0003           | 90858-0484           | A                                |
| 90858-0047                               | 91703-0002        | 91704-0013  | NATURAL | 1a 2a                      | 01c d20                  | 1/2               |  | K44              | 91703-0003           | 90858-0483           | A                                |
| 90858-0055                               | 91703-0002        | 91704-0014  | NATURAL | 1a 1b                      | NONE                     | 1/2               |  | K40              | 91703-0003           | 90858-0480           | A                                |
| 90858-0020                               | 91703-0002        | 91704-0015  | NATURAL | 1a 1b                      | 01c                      | 1/2               |  | K04              | 91703-0003           | 90858-0475           | A                                |
| 90858-0054                               | 91703-0002        | 91704-0016  | NATURAL | 2b                         | 01c d20                  | 1/2               |  | K15              | 91703-0003           | 90858-0476           | A                                |
| 90858-0057                               | 91703-0002        | 91704-0017  | NATURAL | 1a                         | 01c d20                  | 1/2               |  | K12              | 91703-0003           | 90858-0477           | A                                |
| 90858-0058 O                             | 91703-0002        | 91704-0018  | NATURAL | 1a 2a                      | 01c                      | 1/2               |  | K10              | 91703-0003           | 90858-0472           | A                                |
| 90858-0059                               | 91703-0002        | 91704-0019  | NATURAL | ALL                        | d20                      | 1/2               |  | K34              | 91703-0003           | 90858-0474           | A                                |
| 90858-0060                               | 91703-0002        | 91704-0020  | NATURAL | 1b 2a 2b                   | d20                      | 1/2               |  | K07              | 91703-0003           | 90858-0473           | A                                |
| 90858-0061                               | 91703-0002        | 91704-0002  | NATURAL | 1b 2a                      | 01c d20                  | 1/2               |  | K01              | 91703-0003           | 90858-0471           | B                                |
| 90858-0062                               | 91703-0002        | 91704-0022  | NATURAL | 1a 2a 2b                   | 01c                      | 1/2               |  | K49              | 91703-0003           | 90858-0470           | A                                |

O - OBSOLETED



|                                                                                                                                               |  |       |  |                        |  |  |  |                        |  |                   |  |                              |  |                 |  |                 |  |          |  |                |  |          |  |              |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|------------------------|--|--|--|------------------------|--|-------------------|--|------------------------------|--|-----------------|--|-----------------|--|----------|--|----------------|--|----------|--|--------------|--|---|--|----------------------------|--|--|--|-------------------------|--|--|--|-----------|--|--|--|-----|--|-----|--|----|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                        |  |  |  |                        |  |                   |  |                              |  |                 |  |                 |  |          |  |                |  |          |  |              |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |
| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:      |  |  |  | <div>molex</div>       |  |                   |  |                              |  |                 |  |                 |  |          |  |                |  |          |  |              |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |
| mm                                                                                                                                            |  | 5:1   |  |                        |  |  |  |                        |  |                   |  |                              |  |                 |  |                 |  |          |  |                |  |          |  |              |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  |                        |  |  |  | EC NO: 790477          |  |                   |  | DRWN: GOPIS2024/06/26        |  |                 |  |                 |  |          |  |                |  |          |  |              |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |
| ANGULAR TOL ± 2.0°                                                                                                                            |  |       |  |                        |  |  |  | CHK'D: GOPIS2024/06/26 |  |                   |  | APPR: MRAMAKRISHNA2024/06/26 |  |                 |  |                 |  |          |  |                |  |          |  |              |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |
| 4 PLACES                                                                                                                                      |  | ±     |  | 3 PLACES               |  |  |  | ±                      |  | 2 PLACES          |  |                              |  | ± 0.1           |  |                 |  |          |  |                |  |          |  |              |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  | 0 PLACES               |  |  |  | ±                      |  | INITIAL REVISION: |  |                              |  | DOCUMENT NUMBER |  | DOC TYPE        |  | DOC PART |  | REVISION       |  |          |  |              |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |
| 4 PLACES                                                                                                                                      |  | ±     |  | 3 PLACES               |  |  |  | ±                      |  | 2 PLACES          |  |                              |  | ± 0.1           |  | 1 PLACE         |  |          |  | ± 0.2          |  | 0 PLACES |  |              |  | ± |  | DRWN: CRAODOREMS2017/06/12 |  |  |  | APPR: BRUTTLE2017/11/10 |  |  |  | 908580001 |  |  |  | PSD |  | 000 |  | C1 |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION |  |  |  | DRAWING                |  |                   |  | SERIES                       |  |                 |  | MATERIAL NUMBER |  |          |  | CUSTOMER       |  |          |  | SHEET NUMBER |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |
|                                                                                                                                               |  |       |  |                        |  |  |  | A1-SIZE                |  |                   |  | 90858                        |  |                 |  | SEE TABLE       |  |          |  | GENERAL MARKET |  |          |  | 2 OF 7       |  |   |  |                            |  |  |  |                         |  |  |  |           |  |  |  |     |  |     |  |    |  |



| 3 CIRCUIT                                |                   |                      |         |                            |                          |                   |                              |                  |                      |                         | P.C.B.<br>POLARISATION<br>OPTION |
|------------------------------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|------------------|----------------------|-------------------------|----------------------------------|
| SEE CODE DESIGNATION TABLE FOR NUMBERING |                   |                      |         |                            |                          |                   |                              |                  |                      |                         |                                  |
| FORMAT WHEN ADDING NEW PART NUMBERS      |                   |                      |         |                            |                          |                   |                              |                  |                      |                         |                                  |
| PART NO.<br>(TIN)                        | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | LUMBERG<br>K REF | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER)    |                                  |
| <del>90858-0502</del> O                  | 91703-0002        | 91704-1000           | NATURAL | 1b                         | 01c d20                  | 1/2               |                              | K01              | 91703-0003           | <del>90858-1249</del> O | A                                |
| 90858-0508                               | 91703-0002        | 91704-1001           | NATURAL | 1a                         | 03c                      | 1/2               |                              | K04              | 91703-0003           | <del>90858-1248</del> O | A                                |
| 90858-0511                               | 91703-0002        | 91704-1002           | NATURAL | 1a 1b                      | d30                      | 1/2               |                              | K05              | 91703-0003           | 90858-1247              | A                                |
| 90858-0512                               | 91703-0002        | 91704-1003           | NATURAL | 1a 3b                      | 01c                      | 1/2               |                              | K06              | 91703-0003           | 90858-1246              | A                                |
| 90858-0513                               | 91703-0002        | 91704-1004           | NATURAL | 1b                         | d20 03c                  | 1/2               |                              | K09              | 91703-0003           | 90858-1245              | A                                |
| 90858-0524                               | 91703-0002        | 91704-1005           | NATURAL | 1b 2a 2b                   | d30                      | 1/2               |                              | K33              | 91703-0003           | 90858-1244              | A                                |
| 90858-0525                               | 91703-0002        | 91704-1006           | NATURAL | 2b                         | d20                      | 1/2               |                              | K56              | 91703-0003           | 90858-1243              | A                                |
| 90858-0528                               | 91703-0002        | 91704-1007           | NATURAL | ALL                        | d10 d30                  | 2/3               |                              | K38              | 91703-0003           | 90858-1242              | A                                |
| <del>90858-0527</del> O                  | 91703-0002        | 91704-1008           | NATURAL | ALL                        | d20                      | 1/2               |                              | K40              | 91703-0003           | 90858-1240              | A                                |
| <del>90858-0526</del> O                  | 91703-0002        | 91704-1009           | NATURAL | 2b 3b                      | d10 02c                  | 2/3               |                              | K02              | 91703-0003           | <del>90858-1241</del> O | A                                |
| 90858-0529                               | 91703-0002        | 91704-1000           | NATURAL | 1b                         | 01c d20                  | 1/2               |                              | --               | 91703-0003           | 90858-1239              | A                                |
| <del>90858-0530</del> O                  | 91703-0002        | 91704-1011           | NATURAL | 3b                         | d10 d30                  | 2/3               |                              | --               | 91703-0003           | 90858-1238              | A                                |
| <del>90858-0531</del> O                  | 91703-0002        | 91704-1012           | NATURAL | 3b                         | 01c d30                  | 2/3               |                              | --               | 91703-0003           | 90858-1237              | A                                |
| <del>90858-0532</del> O                  | 91703-0002        | 91704-1013           | NATURAL | 3b                         | d10 02c                  | 2/3               |                              | --               | 91703-0003           | 90858-1236              | A                                |
| 90858-0533                               | 91703-0002        | 91704-1017           | NATURAL | 2a                         | d10 d30                  | 2/3               |                              | K44              | 91703-0003           | 90858-1235              | A                                |

O - OBSOLETED

| SEE CODE DESIGNATION TABLE FOR NUMBERING |                   |                      |         |                            |                          |                   |                              |                  |                      |                      | P.C.B.<br>POLARISATION<br>OPTION |
|------------------------------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|------------------|----------------------|----------------------|----------------------------------|
| FORMAT WHEN ADDING NEW PART NUMBERS      |                   |                      |         |                            |                          |                   |                              |                  |                      |                      |                                  |
| PART NO.<br>(TIN)                        | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | LUMBERG<br>K REF | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |
| <del>90858-1254</del> O                  | 91703-0002        | 91704-2000           | NATURAL | 1b                         | 03c d40                  | 1/2 3/4           |                              | K01              | 91703-0003           | 90858-1999           | A                                |
| 90858-1264                               | 91703-0002        | 91704-2001           | NATURAL | 1a 4b                      | d40                      | 1/2 3/4           |                              | K03              | 91703-0003           | 90858-1998           | A                                |
| 90858-1265                               | 91703-0002        | 91704-2002           | NATURAL | 2a 4b                      | d20                      | 1/2 3/4           |                              | K07              | 91703-0003           | 90858-1996           | A                                |
| 90858-1267                               | 91703-0002        | 91704-2003           | NATURAL | 1b 2a 3a 4b                | 01c d40                  | 1/2 3/4           |                              | K37              | 91703-0003           | 90858-1994           | A                                |
| 90858-1270                               | 91703-0002        | 91704-2004           | NATURAL | 1a 2b 4b                   | 01c 03c d40              | 1/2 3/4           |                              | K44              | 91703-0003           | 90858-1993           | A                                |
| 90858-1274                               | 91703-0002        | 91704-2005           | NATURAL | 1a 3a 3b                   | 01c d20 d40              | 1/2 3/4           |                              | K32              | 91703-0003           | 90858-1992           | A                                |
| 90858-1275                               | 91703-0002        | 91704-2006           | NATURAL | 1b 2a 4b                   | 01c d20 03c              | 1/2 3/4           |                              | K61              | 91703-0003           | 90858-1991           | A                                |
| 90858-1278                               | 91703-0002        | 91704-2007           | NATURAL | 1a 3a                      | d40                      | 1/2 3/4           |                              | K06              | 91703-0003           | 90858-1987           | A                                |
| 90858-1280                               | 91703-0002        | 91704-2008           | NATURAL | 1a 2b<br>3b 4a             | 01c 03c d40              | 1/2 3/4           |                              | K65              | 91703-0003           | 90858-1988           | A                                |
| 90858-1281                               | 91703-0002        | 91704-2009           | NATURAL | 2a 4b                      | d20 03c                  | 1/2 3/4           |                              | K30              | 91703-0003           | 90858-1986           | A                                |
| 90858-1282                               | 91703-0002        | 91704-2010           | NATURAL | 3b                         | d30                      | 2/3               |                              | K04              | 91703-0003           | 90858-1985           | A                                |
| 90858-1283                               | 91703-0002        | 91704-2011           | NATURAL | 1b 2a 4b                   | 01c d20<br>03c d40       | 1/2 3/4           |                              | --               | 91703-0003           | 90858-1984           | A                                |
| 90858-1284                               | 91703-0002        | 91704-2012           | NATURAL | 2a 3a 3b 4b                | 01c d20<br>03c d40       | 1/2 3/4           |                              | --               | 91703-0003           | 90858-1983           | A                                |

O - OBSOLETED

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

5:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL ± 2.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

THIRD ANGLE PROJECTION

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 790477  
DRWN: GOPIS  
CHK'D: GOPIS  
APPR: MRAMAKRISHNA

INITIAL REVISION:  
DRWN: CRAODOREMS  
APPR: BRUTTLE

2024/06/26  
2024/06/26  
2024/06/26  
2017/06/12  
2017/11/10

RAST 5 VERT HDR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

908580001

DOC TYPE

PSD

DOC PART

000

REVISION

C1

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE TABLE

GENERAL MARKET

3 OF 7

|                 |    |              |                     |
|-----------------|----|--------------|---------------------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/06/26 06:15:22 |
|-----------------|----|--------------|---------------------|



|                   |                   |                      |         |                            |                          |                   |                              |                  |                      |                      |                                                                                 |    |                                  |    |  |    |
|-------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|------------------|----------------------|----------------------|---------------------------------------------------------------------------------|----|----------------------------------|----|--|----|
| 18                |                   | 17                   |         | 16                         |                          | 15                |                              | 14               |                      | 13                   |                                                                                 | 12 |                                  | 11 |  | 10 |
| 5 CIRCUIT         |                   |                      |         |                            |                          |                   |                              |                  |                      |                      | SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBERS |    | P.C.B.<br>POLARISATION<br>OPTION |    |  |    |
| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | LUMBERG<br>K REF | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                                                                 |    |                                  |    |  |    |
| 90858-2000        | 91703-0002        | 91704-3000           | NATURAL | 1a 5b                      | 01c d30                  | 1/2 2/3           |                              | K01              | 91703-0003           | 90858-2749           | A                                                                               |    |                                  |    |  |    |
| 90858-2001        | 91703-0002        | 91704-3001           | NATURAL | 1a 3a                      | 01c d30                  | 1/2 4/5           |                              | K30              | 91703-0003           | 90858-2748           | A                                                                               |    |                                  |    |  |    |
| 90858-2002        | 91703-0002        | 91704-3002           | NATURAL | 1a 5b                      | 01c d20<br>03c d50       | 1/2 3/4           |                              | K31              | 91703-0003           | 90858-2747           | A                                                                               |    |                                  |    |  |    |
| 90858-2003        | 91703-0002        | 91704-3003           | NATURAL | 1b 2a 3b 5a                | 01c 03c                  | 1/2 3/4           |                              | K35              | 91703-0003           | 90858-2746           | A                                                                               |    |                                  |    |  |    |
| 90858-2004        | 91703-0002        | 91704-3004           | NATURAL | 1a 2a 2b 4b 5b             | 01c d30<br>04c d50       | 1/2 2/3 4/5       |                              | K36              | 91703-0003           | 90858-2745           | A                                                                               |    |                                  |    |  |    |
| 90858-2006        | 91703-0002        | 91704-3005           | NATURAL | 2a                         | 01c d50                  | 2/3 4/5           |                              | K43              | 91703-0003           | 90858-2742           | A                                                                               |    |                                  |    |  |    |
| 90858-2012        | 91703-0002        | 91704-3006           | NATURAL | 2a 4b                      | 01c d20 d40              | 1/2 3/4           |                              | K44              | 91703-0003           | 90858-2743           | A                                                                               |    |                                  |    |  |    |
| 90858-2013        | 91703-0002        | 91704-3007           | NATURAL | 2b                         | d20                      | 1/2 4/5           |                              | K02              | 91703-0003           | 90858-2741           | A                                                                               |    |                                  |    |  |    |
| 90858-2014        | 91703-0002        | 91704-3008           | NATURAL | 4b 5a                      | 01c d30<br>04c d50       | 1/2 4/5           |                              | K45              | 91703-0003           | 90858-2740           | A                                                                               |    |                                  |    |  |    |
| 90858-2015        | 91703-0002        | 91704-3009           | NATURAL | NONE                       | 01c d40                  | 1/2 3/4           |                              | K46              | 91703-0003           | 90858-2739           | A                                                                               |    |                                  |    |  |    |
| 90858-2017        | 91703-0002        | 91704-3010           | NATURAL | 1a 4a                      | d30                      | 1/2 4/5           |                              | K04              | 91703-0003           | 90858-2737           | A                                                                               |    |                                  |    |  |    |
| 90858-2024        | 91703-0002        | 91704-3011           | NATURAL | 1a 5b                      | d20 d40                  | 1/2 3/4           |                              | K77              | 91703-0003           | 90858-2732           | A                                                                               |    |                                  |    |  |    |
| 90858-2025        | 91703-0002        | 91704-3019           | NATURAL | 2b                         | d20 d50                  | 1/2 3/4           |                              | K95              | 91703-0003           | 90858-2733           | A                                                                               |    |                                  |    |  |    |
| 90858-2026        | 91703-0002        | 91704-3018           | NATURAL | 1a 5b                      | 01c d20 03c<br>d50       | 1/2 3/4           |                              | --               | 91703-0003           | 90858-2734           | A                                                                               |    |                                  |    |  |    |
| 90858-2027        | 91703-0002        | 91704-3020           | NATURAL | 1a 3a 4b 5a                | 03c 04c                  | 1/2 4/5           |                              | K73              | 91703-0003           | 90858-2735           | A                                                                               |    |                                  |    |  |    |
| 90858-2028        | 91703-0002        | 91704-3021           | NATURAL | 2b                         | d20                      | 1/2 4/5           |                              | --               | 91703-0003           | 90858-2731           | A                                                                               |    |                                  |    |  |    |
| 90858-2029        | 91703-0002        | 91704-3016           | NATURAL | 1b 2a 4a                   | 01c 04c d50              | 1/2 4/5           |                              | K51              | 91703-0003           | 90858-2730           | A                                                                               |    |                                  |    |  |    |
| 90858-2030        | 91703-0002        | 91704-3017           | NATURAL | 2b 3b 4a                   | 01c d20 d40              | 1/2 3/4           |                              | K52              | 91703-0003           | 90858-2729           | A                                                                               |    |                                  |    |  |    |
| 90858-2031        | 91703-0002        | 91704-3022           | NATURAL | 1a 5b                      | 01c d20 03c<br>d50       | 1/2 4/5           |                              | K86              | 91703-0003           | 90858-2728           | A                                                                               |    |                                  |    |  |    |
| 90858-2032        | 91703-0002        | 91704-3023           | NATURAL | 1a 1b 4a                   | d30 04c d50              | 1/2 4/5           |                              | K64              | 91703-0003           | 90858-2727           | A                                                                               |    |                                  |    |  |    |
| 90858-2033        | 91703-0002        | 91704-3018           | NATURAL | 1a 5b                      | 01c d20 03c<br>d50       | 1/2 3/4           |                              | --               | 91703-0003           | 90858-2726           | B                                                                               |    |                                  |    |  |    |

| 6 CIRCUIT                                                                       |                   |                      |         |                            |                          |                   |                              |                  |                      |                      |   | P.C.B.<br>POLARISATION<br>OPTION |
|---------------------------------------------------------------------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|------------------|----------------------|----------------------|---|----------------------------------|
| SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBERS |                   |                      |         |                            |                          |                   |                              |                  |                      |                      |   |                                  |
| PART NO.<br>(TIN)                                                               | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | LUMBERG<br>K REF | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |   |                                  |
| 90858-2753                                                                      | 91703-0002        | 91704-4000           | NATURAL | 1b                         | 03c d60                  | 1/2 4/5           |                              | K01              | 91703-0003           | 90858-3499           | A |                                  |
| 90858-2754                                                                      | 91703-0002        | 91704-4001           | NATURAL | 1a 3b 4b                   | 01c d50 06c              | 1/2 4/5           |                              | K30              | 91703-0003           | 90858-3498           | A |                                  |
| 90858-2755                                                                      | 91703-0002        | 91704-4002           | NATURAL | 1a 1b 2b 3a<br>3b 4b       | d30 04c d50              | 1/2 2/3 4/5       |                              | K37              | 91703-0003           | 90858-3497           | A |                                  |
| 90858-2756                                                                      | 91703-0002        | 91704-4003           | NATURAL | 1a 1b<br>4a 4b             | d10 d50                  | 2/3 4/5           |                              | K39              | 91703-0003           | 90858-3496           | A |                                  |
| 90858-2757                                                                      | 91703-0002        | 91704-4004           | NATURAL | 2a 4b 5a 6b                | d20 03c 05c              | 1/2 3/4 5/6       |                              | K42              | 91703-0003           | 90858-3495           | A |                                  |
| 90858-2758                                                                      | 91703-0002        | 91704-4005           | NATURAL | 1a 2b 3a<br>3b 5b 6b       | 01c d40 d60              | 1/2 3/4 5/6       |                              | K43              | 91703-0003           | 90858-3494           | A |                                  |
| 90858-2759                                                                      | 91703-0002        | 91704-4006           | NATURAL | 1b 2a 3a 4b<br>5a 5b 6b    | 01c 03c d60              | 1/2 3/4 5/6       |                              | K44              | 91703-0003           | 90858-3493           | A |                                  |
| 90858-2761                                                                      | 91703-0002        | 91704-4007           | NATURAL | 2b                         | d20 d60                  | 1/2 5/6           |                              | K46              | 91703-0003           | 90858-3492           | A |                                  |
| 90858-2762                                                                      | 91703-0002        | 91704-4008           | NATURAL | 2b 3b 4a                   | 01c d50 06c              | 1/2 4/5           |                              | K36              | 91703-0003           | 90858-3491           | A |                                  |
| 90858-2768                                                                      | 91703-0002        | 91704-4009           | NATURAL | 1b 4b                      | d20 03c<br>d50 06c       | 1/2 4/5           |                              | K58              | 91703-0003           | 90858-3486           | A |                                  |
| 90858-2769                                                                      | 91703-0002        | 91704-4010           | NATURAL | 1a 2b 3b<br>4a 6b          | 01c 03c d40<br>05c d60   | 1/2 3/4 5/6       |                              | K59              | 91703-0003           | 90858-3485           | A |                                  |
| 90858-2770                                                                      | 91703-0002        | 91704-4011           | NATURAL | 1a 2b 4a 6b                | 01c d40                  | 1/2 3/4 5/6       |                              | K62              | 91703-0003           | 90858-3484           | A |                                  |
| 90858-2771                                                                      | 91703-0002        | 91704-4017           | NATURAL | 1b 6b                      | d40                      | 1/2 5/6           |                              | K04              | 91703-0003           | 90858-3483           | A |                                  |
| 90858-2772                                                                      | 91703-0002        | 91704-4016           | NATURAL | 1b 2a 3a 4b<br>5a 5b 6b    | 01c d60                  | 2/3 5/6           |                              | K15              | 91703-0003           | 90858-3482           | A |                                  |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

5:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL ± 2.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

EC NO: 790477

DRWN: GOPIS

CHK'D: GOPIS

APPR: MRAMAKRISHNA

INITIAL REVISION:

DRWN: CRAODOREMS

APPR: BRUTTLE

2024/06/26

2024/06/26

2024/06/26

2017/06/12

2017/11/10

THIRD ANGLE PROJECTION

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DRAWING

A1-SIZE

SERIES

90858

CURRENT REV DESC:

EC NO: 790477  
DRWN: GOPIS  
CHK'D: GOPIS  
APPR: MRAMAKRISHNA  
INITIAL REVISION:  
DRWN: CRAODOREMS  
APPR: BRUTTLE

DOCUMENT NUMBER

908580001

DOC TYPE

PSD

DOC PART

000

REVISION

C1

PRODUCT CUSTOMER DRAWING

RAST 5 VERT HDR

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 7







|                   |                   |                      |         |                               |                          |                        |                                                                                 |                  |                      |                      |                                  |  |
|-------------------|-------------------|----------------------|---------|-------------------------------|--------------------------|------------------------|---------------------------------------------------------------------------------|------------------|----------------------|----------------------|----------------------------------|--|
| 18                | 17                | 16                   | 15      | 14                            | 13                       | 12                     | 11                                                                              |                  |                      |                      |                                  |  |
| 9 CIRCUIT         |                   |                      |         |                               |                          |                        | SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBERS |                  |                      |                      | P.C.B.<br>POLARISATION<br>OPTION |  |
| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS    | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION      | CONFIGURATION<br>(SEE NOTES)                                                    | LUMBERG<br>K REF | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |  |
| 90858-5002        | 91703-0002        | 91704-7000           | NATURAL | 1a 2a 2b 3a<br>3b 6a 7a 8b 9b | d20 03c d40<br>d50 d90   | 1/2 3/4 6/7<br>7/8 8/9 |                                                                                 | K30              | 91703-0003           | 90858-5997           | A                                |  |
| 90858-5003        | 91703-0002        | 91704-7001           | NATURAL | 1b 2a 3b 5a<br>6a 7b 8a 8b    | 01c 03c d70<br>08c       | 1/2 3/4 6/7<br>8/9     |                                                                                 | K31              | 91703-0003           | 90858-5996           | A                                |  |
| 90858-5004        | 91703-0002        | 91704-7002           | NATURAL | 1b 2a 3a 5a<br>6a 7b 8b       | 01c 03c d70<br>08c d90   | 1/2 3/4 6/7<br>8/9     |                                                                                 | K32              | 91703-0003           | 90858-5995           | A                                |  |
| 90858-5005        | 91703-0002        | 91704-7003           | NATURAL | 1a 1b 3a 4b<br>5a 6b 7a       | 01c d40 09c              | 1/2 3/4 5/6<br>7/8     |                                                                                 | K37              | 91703-0003           | 90858-5994           | A                                |  |
| 90858-5006        | 91703-0002        | 91704-7004           | NATURAL | 1b 5a 8a 9a                   | 03c d40 d60<br>08c       | 1/2 3/4 5/6<br>8/9     |                                                                                 | K38              | 91703-0003           | 90858-5993           | A                                |  |
| 90858-5007        | 91703-0002        | 91704-7005           | NATURAL | 2a 4b 5a 6b<br>7a 9a          | d20 05c 07c              | 1/2 3/4 5/6<br>7/8     |                                                                                 | K39              | 91703-0003           | 90858-5992           | A                                |  |
| 90858-5009        | 91703-0002        | 91704-7006           | NATURAL | 5b                            | d30 d70                  | 1/2 6/7                |                                                                                 | K04              | 91703-0003           | 90858-5989           | A                                |  |
| 90858-5012        | 91703-0002        | 91704-7007           | NATURAL | 2b 3b 4a 5a<br>6b             | d10 02c 04c<br>08c d90   | 2/3 4/5 6/7<br>8/9     |                                                                                 | K40              | 91703-0003           | 90858-5988           | A                                |  |
| 90858-5011        | 91703-0002        | 91704-7008           | NATURAL | 2b 5a                         | d80                      | 2/3 7/8                |                                                                                 | K03              | 91703-0003           | 90858-5987           | A                                |  |
| 90858-5010        | 91703-0002        | 91704-7009           | NATURAL | 2b 3b 4b 6a                   | 01c d20 d40<br>05c d90   | 1/2 3/4 6/7<br>8/9     |                                                                                 | K49              | 91703-0003           | 90858-5986           | A                                |  |
| 90858-5013        | 91703-0002        | 91704-7010           | NATURAL | 1b 2a 4b 5a<br>8b 9b          | 01c d20 d70<br>08c       | 1/2 4/5 6/7<br>8/9     |                                                                                 | K58              | 91703-0003           | 90858-5985           | A                                |  |

| SEE CODE DESIGNATION TABLE FOR NUMBERING |                   |                      |         |                                                         |                                   |                            |                              |                  |                      |                      | P.C.B.<br>POLARISATION<br>OPTION |
|------------------------------------------|-------------------|----------------------|---------|---------------------------------------------------------|-----------------------------------|----------------------------|------------------------------|------------------|----------------------|----------------------|----------------------------------|
| FORMAT WHEN ADDING NEW PART NUMBERS      |                   |                      |         |                                                         |                                   |                            |                              |                  |                      |                      |                                  |
| PART NO.<br>(TIN)                        | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS                              | UNBLOCKED<br>CODING KEYS          | LATCH<br>POSITION          | CONFIGURATION<br>(SEE NOTES) | LUMBERG<br>K REF | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |
| 90858-6002                               | 91703-0002        | 91704-8000           | NATURAL | 2a 3b 6a 9a                                             | 03c d80                           | 1/2 4/5<br>6/7 9/10        |                              | K30              | 91703-0003           | 90858-6997           | A                                |
| 90858-6003                               | 91703-0002        | 91704-8001           | NATURAL | 1a 3b 7b 9b                                             | 01c d20 d40<br>05c 07c            | 1/2 3/4<br>5/6 7/8<br>9/10 |                              | K35              | 91703-0003           | 90858-6996           | A                                |
| 90858-6009                               | 91703-0002        | 91704-8002           | NATURAL | 1b 2a 2b 4a 5b<br>6a 8a 9a 10a                          | d30 04c 06c<br>09c                | 1/2 4/5<br>6/7 9/10        |                              | K41              | 91703-0003           | 90858-6988           | A                                |
| 90858-6010                               | 91703-0002        | 91704-8003           | NATURAL | 1a 3b 4b<br>8a 10a 10b                                  | 01c d50 06c<br>07c d80 09c        | 1/2 4/5<br>7/8 9/10        |                              | K42              | 91703-0003           | 90858-6987           | A                                |
| 90858-6012                               | 91703-0002        | 91704-8004           | NATURAL | 2a 4b 8a 10a                                            | d20 05c d70<br>08c                | 1/2 3/4<br>5/6 8/9         |                              | K44              | 91703-0003           | 90858-6986           | A                                |
| 90858-6015                               | 91703-0002        | 91704-8005           | NATURAL | 1b 2a 3a<br>4b 5b 9a                                    | 01c d40 d60<br>07c 09c d100       | 1/2 3/4<br>5/6 7/8<br>9/10 |                              | K48              | 91703-0003           | 90858-6983           | A                                |
| 90858-6016                               | 91703-0002        | 91704-8006           | NATURAL | 1a 4b 6b 9a                                             | 03c 04c d50<br>06c d70 08c<br>d90 | 1/2 4/5<br>6/7 8/9         |                              | K38              | 91703-0003           | 90858-6982           | A                                |
| 90858-6021                               | 91703-0002        | 91704-8007           | NATURAL | 1a 3b 7b 8a                                             | 01c d20 d40<br>05c d100           | 1/2 3/4<br>5/6 7/8<br>9/10 |                              | K33              | 91703-0003           | 90858-6977           | A                                |
| 90858-6022                               | 91703-0002        | 91704-8008           | NATURAL | 10a                                                     | d20 08c                           | 1/2 9/10                   |                              | K56              | 91703-0003           | 90858-6976           | A                                |
| 90858-6023                               | 91703-0002        | 91704-8009           | NATURAL | 1b 3b 5b 9a                                             | 01c d60 07c<br>09c d100           | 1/2 3/4<br>5/6 7/8<br>9/10 |                              | K36              | 91703-0003           | 90858-6975           | A                                |
| 90858-6024                               | 91703-0002        | 91704-8010           | NATURAL | 1b 2b 4a 7a<br>9a 9b                                    | d20 d30 d50<br>06c d70 d80        | 1/2 4/5<br>6/7 9/10        |                              | K43              | 91703-0003           | 90858-6974           | A                                |
| 90858-6025                               | 91703-0002        | 91704-8011           | NATURAL | 1a 2a 2b 3a<br>4a 4b 5a 6a<br>6b 7a 8a 8b<br>9a 10a 10b | NONE                              | 1/2 3/4<br>5/6 7/8<br>9/10 |                              | K45              | 91703-0003           | 90858-6973           | A                                |
| 90858-6026                               | 91703-0002        | 91704-8012           | NATURAL | 2a 2b 3a 4a<br>5a 9a 10a                                | d20 d40 07c<br>d70 08c d100       | 1/2 3/4<br>5/6 8/9         |                              | K46              | 91703-0003           | 90858-6972           | A                                |
| 90858-6027                               | 91703-0002        | 91704-8013           | NATURAL | 1b 2a 3a 4b<br>6a 7a 8a 8b                              | 01c d40 d60<br>d80                | 1/2 3/4<br>5/6 9/10        |                              | K49              | 91703-0003           | 90858-6971           | A                                |
| 90858-6028                               | 91703-0002        | 91704-8014           | NATURAL | 1b 5a 8b 9a<br>10b                                      | 03c d40 d80<br>09c                | 1/2 3/4<br>5/6 7/8<br>9/10 |                              | K50              | 91703-0003           | 90858-6970           | A                                |
| 90858-6029                               | 91703-0002        | 91704-8015           | NATURAL | 1b 3a 4a 4b<br>6b 9a 9b                                 | 01c d50 06c<br>d70 09c            | 1/2 4/5<br>6/7 9/10        |                              | K51              | 91703-0003           | 90858-6969           | A                                |
| 90858-6030                               | 91703-0002        | 91704-8016           | NATURAL | 1b 4a 7a 9a                                             | 01c d20 06c<br>d80 09c            | 1/2 4/5<br>7/8 9/10        |                              | K52              | 91703-0003           | 90858-6968           | A                                |

|                                                                                                                                               |  |       |       |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|-------|------------------------|--------------|---------|---------------------|-------|--|----|--|----|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|--|---|--|---|--|---|--|-----------------|--|----------------|----------|--------------|--|---|--|---|--|---|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |       |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
| DIMENSION UNITS                                                                                                                               |  | SCALE |       | CURRENT REV DESC:      |              |         |                     |       |  |    |  |    |  | <div>molex</div>                                                                                                                                                                        |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
| mm                                                                                                                                            |  | 5:1   |       |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |       |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
| ANGULAR TOL                                                                                                                                   |  | ±     | 2.0 ° |                        |              |         |                     |       |  |    |  |    |  | EC NO: 790477<br>DRWN: GOPIS 2024/06/26<br>CHK'D: GOPIS 2024/06/26<br>APPR: MRAMAKRISHNA 2024/06/26<br><br>INITIAL REVISION:<br>DRWN: CRAODOREMS 2017/06/12<br>APPR: BRUTTLE 2017/11/10 |  |    |  |   |  |   |  |   |  | DOCUMENT NUMBER |  | DOC TYPE       | DOC PART | REVISION     |  |   |  |   |  |   |  |
| 4 PLACES                                                                                                                                      |  | ±     |       |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  | 908580001       |  | PSD            | 000      | C1           |  |   |  |   |  |   |  |
| 3 PLACES                                                                                                                                      |  | ±     |       |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
| 2 PLACES                                                                                                                                      |  | ±     | 0.1   |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  | MATERIAL NUMBER |  | CUSTOMER       |          | SHEET NUMBER |  |   |  |   |  |   |  |
| 1 PLACE                                                                                                                                       |  | ±     | 0.2   |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  | SEE TABLE       |  | GENERAL MARKET |          | 6 OF 7       |  |   |  |   |  |   |  |
| 0 PLACES                                                                                                                                      |  | ±     |       |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |       | THIRD ANGLE PROJECTION |              | DRAWING | SERIES              | 90858 |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
|                                                                                                                                               |  |       |       |                        |              |         | A1-SIZE             |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
|                                                                                                                                               |  |       |       |                        |              |         |                     |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
| DOCUMENT STATUS                                                                                                                               |  |       |       | P1                     | RELEASE DATE |         | 2024/06/26 06:15:22 |       |  |    |  |    |  |                                                                                                                                                                                         |  |    |  |   |  |   |  |   |  |                 |  |                |          |              |  |   |  |   |  |   |  |
| 18                                                                                                                                            |  | 17    |       | 16                     |              | 15      |                     | 14    |  | 13 |  | 12 |  | 11                                                                                                                                                                                      |  | 10 |  | 9 |  | 8 |  | 7 |  | 6               |  | 5              |          | 4            |  | 3 |  | 2 |  | 1 |  |



|                   |                   |                      |         |                                          |                                               |                              |                              |                  |                      |                      |   |                                                                                 |   |   |   |   |   |                                  |
|-------------------|-------------------|----------------------|---------|------------------------------------------|-----------------------------------------------|------------------------------|------------------------------|------------------|----------------------|----------------------|---|---------------------------------------------------------------------------------|---|---|---|---|---|----------------------------------|
| 18                | 17                | 16                   | 15      | 14                                       | 13                                            | 12                           | 11                           | 10               | 9                    | 8                    | 7 | 6                                                                               | 5 | 4 | 3 | 2 | 1 |                                  |
| 11 CIRCUIT        |                   |                      |         |                                          |                                               |                              |                              |                  |                      |                      |   | SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBERS |   |   |   |   |   | P.C.B.<br>POLARISATION<br>OPTION |
| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS               | UNBLOCKED<br>CODING KEYS                      | LATCH<br>POSITION            | CONFIGURATION<br>(SEE NOTES) | LUMBERG<br>K REF | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |   |                                                                                 |   |   |   |   |   |                                  |
| 90858-7001        | 91703-0002        | 91704-9000           | NATURAL | 1a 2b 3b 4a 4b<br>5a 7a 8a 9a<br>10a 11a | 01c d40 05c<br>08c 010c                       | 3/4 8/9                      |                              | K33              | 91703-0003           | 90858-7998           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7002        | 91703-0002        | 91704-9001           | NATURAL | 1a 1b 6b 7a 10a<br>11b                   | 03c d40 d90                                   | 1/2 3/4 5/6<br>7/8 8/9 10/11 |                              | K30              | 91703-0003           | 90858-7997           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7003        | 91703-0002        | 91704-9002           | NATURAL | 1a 2b 3b 4a 4b<br>5a 7a 8a 9a<br>10a 11a | 01c d40 05c<br>08c 010c                       | 1/2 3/4 5/6<br>8/9 10/11     |                              | K31              | 91703-0003           | 90858-7996           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7004        | 91703-0002        | 91704-9003           | NATURAL | 2a 3b 4a 4b 5a<br>6b 7a 7b 10a<br>11b    | 01c d20 d40<br>d60 07c d90<br>010c            | 1/2 3/4 5/6<br>7/8 10/11     |                              | K32              | 91703-0003           | 90858-7995           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7005        | 91703-0002        | 91704-9004           | NATURAL | 2a 3b 4a 4b 6a<br>6b 8b 10a 11a          | 01c d20 d40<br>06c 08c d90<br>010c            | 1/2 3/4 6/7<br>8/9 10/11     |                              | K34              | 91703-0003           | 90858-7994           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7007        | 91703-0002        | 91704-9005           | NATURAL | 2a 4b 5b 7b 8a<br>11b                    | d10 d30 d50<br>d80 010c<br>d110               | 2/3 4/5 7/8<br>10/11         |                              | K36              | 91703-0003           | 90858-7992           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7008        | 91703-0002        | 91704-9006           | NATURAL | 1b 3a 4b 6a 7b<br>9b                     | 01c d20 d40<br>05c d60 07c<br>d80 09c<br>d100 | 1/2 3/4 5/6<br>7/8 9/10      |                              | K37              | 91703-0003           | 90858-7991           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7009        | 91703-0002        | 91704-9007           | NATURAL | 2a 6a 8a 11b                             | 01c d50 d90<br>d110                           | 2/3 4/5 6/7<br>8/9 10/11     |                              | K38              | 91703-0003           | 90858-7990           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7010        | 91703-0002        | 91704-9008           | NATURAL | 1a 4a 6a 8a 11b                          | d30 d90<br>d110                               | 1/2 4/5 6/7<br>8/9 10/11     |                              | K39              | 91703-0003           | 90858-7989           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7014        | 91703-0002        | 91704-9009           | NATURAL | 1a 1b 2b 4a<br>5a 8b 9b                  | 02c d80 09c<br>d100                           | 2/3 5/6 7/8<br>9/10          |                              | K46              | 91703-0003           | 90858-7985           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7015        | 91703-0002        | 91704-9010           | NATURAL | 1b 5b 6b 8b<br>9b 10a 10b                | 01c d20 d40<br>05c d70 08c<br>010c            | 1/2 5/6 8/9<br>10/11         |                              | K47              | 91703-0003           | 90858-7984           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7016        | 91703-0002        | 91704-9011           | NATURAL | 1a 2b 3b 5a<br>6b 8a 9b                  | d20 03c 06c<br>09c d100                       | 1/2 3/4 6/7<br>9/10          |                              | K44              | 91703-0003           | 90858-7983           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7017        | 91703-0002        | 91704-9012           | NATURAL | 1b 4a 7b 9b<br>10b                       | 01c d20 04c<br>d80 09c<br>011c d110           | 1/2 4/5 6/7<br>9/10          |                              | K45              | 91703-0003           | 90858-7982           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7013        | 91703-0002        | 91704-9013           | NATURAL | 1b 11b                                   | 03c d90                                       | 3/4 8/9                      |                              | K43              | 91703-0003           | 90858-7986           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7018        | 91703-0002        | 91704-9014           | NATURAL | 1b 2a 3a 4b 6b                           | 01c d40 d60<br>011c                           | 1/2 3/4 5/6<br>7/8 9/10      |                              | K35              | 91703-0003           | 90858-7981           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7019        | 91703-0002        | 91704-9015           | NATURAL | 1b 3a 4b 7a<br>10b                       | 01c 04c d50<br>07c                            | 1/2 4/5 7/8<br>9/10          |                              | K40              | 91703-0003           | 90858-7980           | A |                                                                                 |   |   |   |   |   |                                  |
| 90858-7020        | 91703-0002        | 91704-9016           | NATURAL | 1b 2a 3a 4b<br>6b 7a 8a 8b               | 01c d40 d60<br>d80 011c                       | 1/2 3/4 5/6<br>9/10          |                              | K42              | 91703-0003           | 90858-7979           | A |                                                                                 |   |   |   |   |   |                                  |

|                   |                   |                      |         |                                           |                                     |                               |                              |                  |                      |                      |   |                                                                                 |  |  |  |  |  |                                  |
|-------------------|-------------------|----------------------|---------|-------------------------------------------|-------------------------------------|-------------------------------|------------------------------|------------------|----------------------|----------------------|---|---------------------------------------------------------------------------------|--|--|--|--|--|----------------------------------|
| 12 CIRCUIT        |                   |                      |         |                                           |                                     |                               |                              |                  |                      |                      |   | SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBERS |  |  |  |  |  | P.C.B.<br>POLARISATION<br>OPTION |
| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS                | UNBLOCKED<br>CODING KEYS            | LATCH POSITION                | CONFIGURATION<br>(SEE NOTES) | LUMBERG<br>K REF | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |   |                                                                                 |  |  |  |  |  |                                  |
| 90858-8002        | 91703-0002        | 91704-9500           | NATURAL | 1b 7a 8b 12b                              | d10 06c 09c<br>d100 d120            | 2/3 4/5 7/8 11/12             |                              | K30              | 91703-0003           | 90858-8997           | A |                                                                                 |  |  |  |  |  |                                  |
| 90858-8003        | 91703-0002        | 91704-9501           | NATURAL | 2a 4b 5b 6b<br>7a 10b 12a 12b             | d10 d30 d50<br>d70 09c d100<br>d120 | 2/3 4/5 6/7 9/10<br>11/12     |                              | K34              | 91703-0003           | 90858-8996           | A |                                                                                 |  |  |  |  |  |                                  |
| 90858-8004        | 91703-0002        | 91704-9502           | NATURAL | 1a 3b 7b 9b<br>11b 12a                    | 01c d20 d40<br>05c 07c 011c         | 1/2 3/4 5/6 7/8<br>9/10 11/12 |                              | K44              | 91703-0003           | 90858-8995           | A |                                                                                 |  |  |  |  |  |                                  |
| 90858-8005        | 91703-0002        | 91704-9503           | NATURAL | 1b 2a 2b 4a 5b<br>6a 8a 9a 10a<br>11a 12b | d30 04c 06c<br>09c 011c             | 1/2 4/5 6/7 9/10<br>11/12     |                              | K46              | 91703-0003           | 90858-8994           | A |                                                                                 |  |  |  |  |  |                                  |
| 90858-8007        | 91703-0002        | 91704-9504           | NATURAL | 2b 3b 4a 8b 9b<br>11a                     | 01c d20 d40<br>d90 d100 d120        | 1/2 3/4 8/9 11/12             |                              | K49              | 91703-0003           | 90858-8992           | A |                                                                                 |  |  |  |  |  |                                  |
| 90858-8008        | 91703-0002        | 91704-9505           | NATURAL | 1a 2b 3a<br>5b 11b 12a                    | 01c 03c d40<br>d60 07c 09c          | 1/2 3/4 5/6 7/8<br>9/10 11/12 |                              | K47              | 91703-0003           | 90858-8991           | A |                                                                                 |  |  |  |  |  |                                  |
| 90858-8009        | 91703-0002        | 91704-9506           | NATURAL | 1a 5b 7b                                  | 01c d30 04c<br>d70 012c             | 2/3 4/5 6/7 8/9<br>10/11      |                              | K50              | 91703-0003           | 90858-8990           | A |                                                                                 |  |  |  |  |  |                                  |

|                                                                                                                                               |  |                        |  |                                                                                                                              |  |        |  |                          |  |                |          |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|------------------------------------------------------------------------------------------------------------------------------|--|--------|--|--------------------------|--|----------------|----------|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                        |  |                                                                                                                              |  |        |  |                          |  |                |          |              |  |
| DIMENSION UNITS                                                                                                                               |  | SCALE                  |  | CURRENT REV DESC:                                                                                                            |  |        |  |                          |  |                |          |              |  |
| mm                                                                                                                                            |  | 5:1                    |  |                                                                                                                              |  |        |  |                          |  |                |          |              |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |                        |  | EC NO: 790477<br>DRWN: GOPIS<br>CHK'D: GOPIS<br>APPR: MRAMAKRISHNA<br>INITIAL REVISION:<br>DRWN: CRAODOREMS<br>APPR: BRUTTLE |  |        |  |                          |  |                |          |              |  |
| ANGULAR TOL                                                                                                                                   |  | ± 2.0 °                |  |                                                                                                                              |  |        |  |                          |  |                |          |              |  |
| 4 PLACES                                                                                                                                      |  | ±                      |  |                                                                                                                              |  |        |  |                          |  |                |          |              |  |
| 3 PLACES                                                                                                                                      |  | ±                      |  | 2024/06/26                                                                                                                   |  |        |  | PRODUCT CUSTOMER DRAWING |  |                |          |              |  |
| 2 PLACES                                                                                                                                      |  | ± 0.1                  |  | 2024/06/26                                                                                                                   |  |        |  |                          |  |                |          |              |  |
| 1 PLACE                                                                                                                                       |  | ± 0.2                  |  | 2024/06/26                                                                                                                   |  |        |  |                          |  |                |          |              |  |
| 0 PLACES                                                                                                                                      |  | ±                      |  | 2017/06/12                                                                                                                   |  |        |  | DOCUMENT NUMBER          |  | DOC TYPE       | DOC PART | REVISION     |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  | THIRD ANGLE PROJECTION |  | DRAWING                                                                                                                      |  | SERIES |  | MATERIAL NUMBER          |  | CUSTOMER       |          | SHEET NUMBER |  |
|                                                                                                                                               |  |                        |  | A1-SIZE                                                                                                                      |  | 90858  |  | 908580001                |  | PSD            | 000      | C1           |  |
|                                                                                                                                               |  |                        |  |                                                                                                                              |  |        |  | SEE TABLE                |  | GENERAL MARKET |          | 7 OF 7       |  |

|                 |    |              |            |          |    |    |    |    |   |   |   |   |   |   |   |   |   |
|-----------------|----|--------------|------------|----------|----|----|----|----|---|---|---|---|---|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/06/26 | 06:15:22 |    |    |    |    |   |   |   |   |   |   |   |   |   |
| 18              | 17 | 16           | 15         | 14       | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |