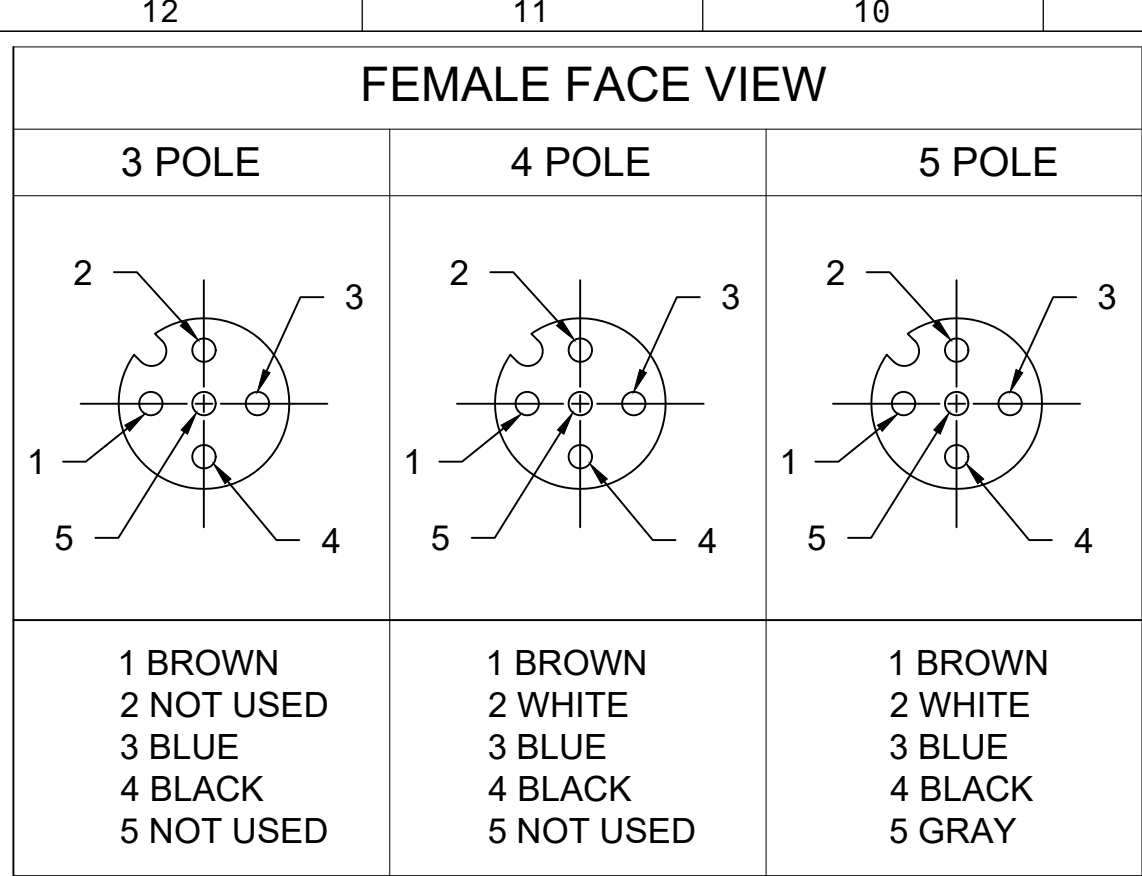
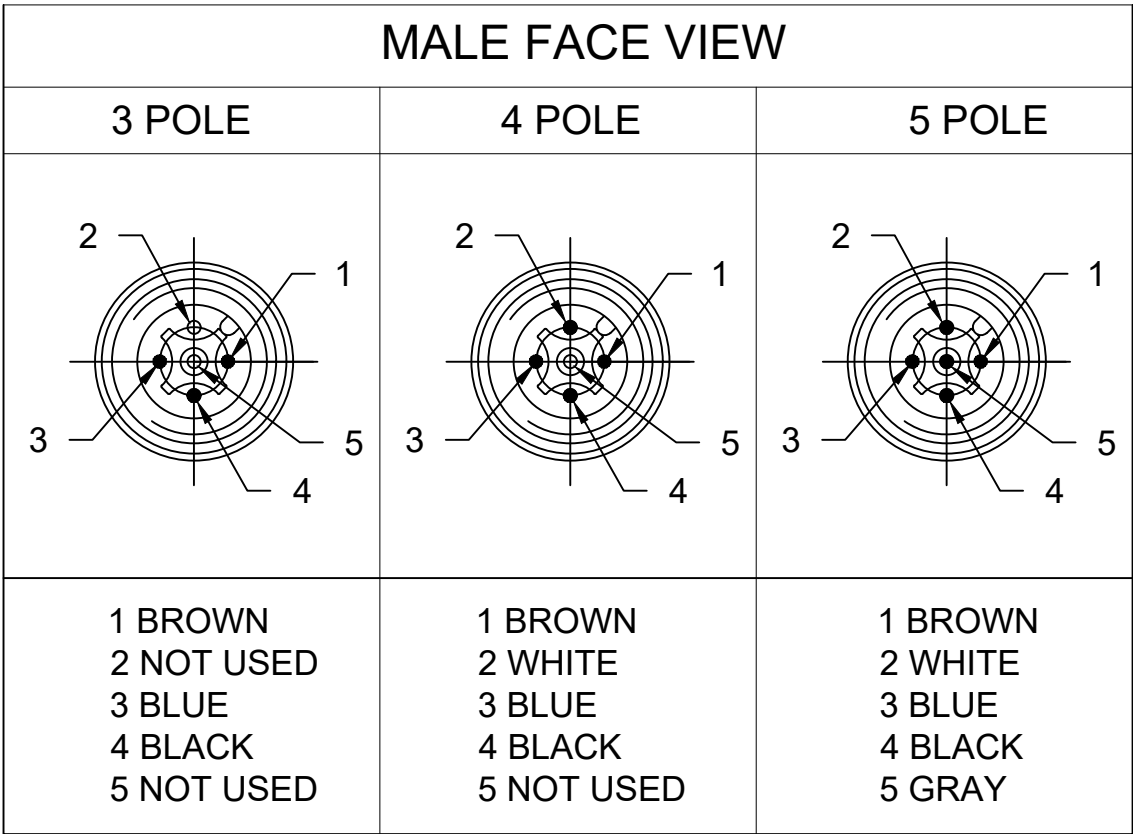
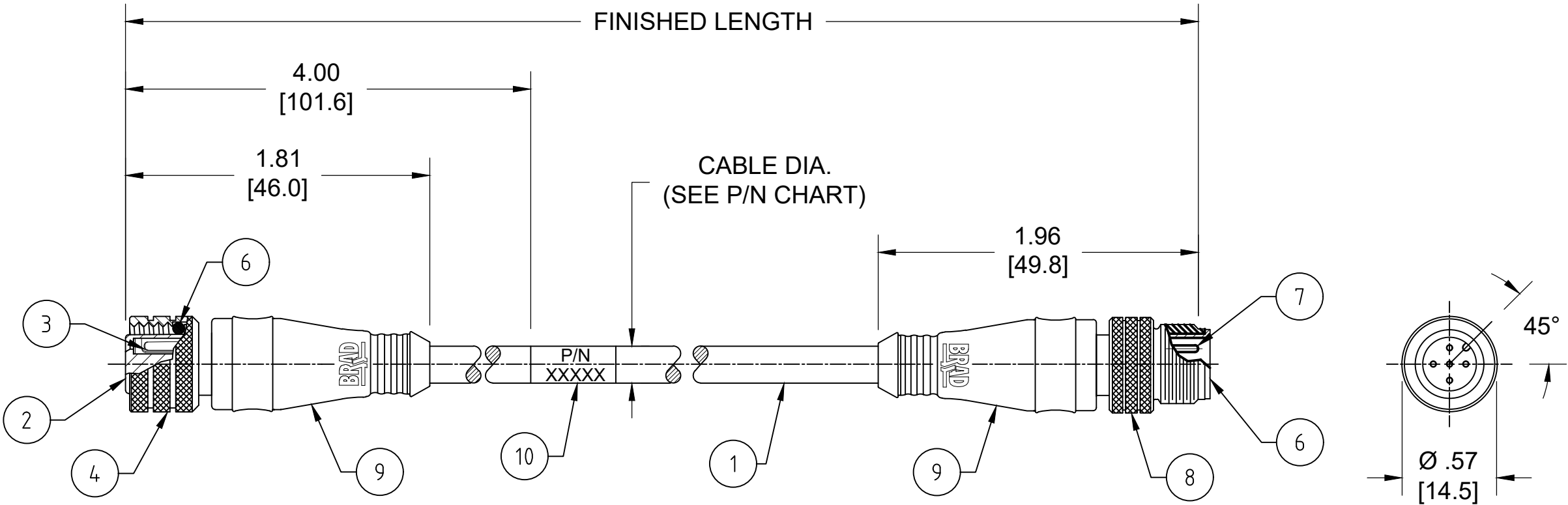
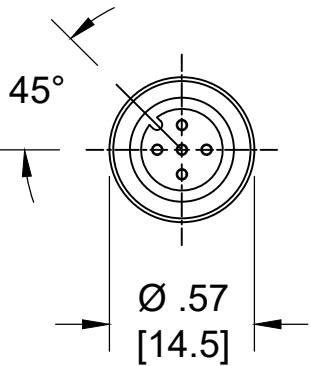




| PART NO.   | ENGINEERING NO. | FINISHED LENGTH  | POLES | CABLE DIA. |
|------------|-----------------|------------------|-------|------------|
| 1200660675 | 883030K05M005   | 0.5M [1FT 8 IN]  | 3     | .20[5.1]   |
| 1200660695 | 884030K05M100   | 10M [32FT 10 IN] | 4     | .21[5.3]   |
| 1200662239 | 885030K05M300   | 30M [98FT 5 IN]  | 5     | .23[5.8]   |



- NOTES:
- 1. MATERIAL: AS NOTED
  - 2. FINISH: AS NOTED
  - 3. ELECTRICAL:  
VOLTAGE: 250V  
CURRENT: 4A
  - 4. TEMP RATING: -20°TO +105°C
  - 5. PROTECTION: IP67 (WHEN MATED)
  - 6. COUPLING THREAD: M12 X 1
  - 7. UL RECOGNIZED FILE: E152210  
CSA CERTIFIED FILE: LR6837
  - 8. ALL DIMENSIONS ARE FOR REFERENCE  
UNLESS TOLERACED OR NOTED OTHERWISE



CABLE FLEX CHARACTERISTICS

|                      |                                     |
|----------------------|-------------------------------------|
| TORSIONAL FLEX TEST  | 5 MILLION CYCLES PER MIL-C-13777G   |
| BEND FLEX TEST       | 6.5 MILLION CYCLES PER MIL-C-13777G |
| DRAG CHAIN TEST      | 20 MILLION CYCLES PER MIL-C-13777G  |
| WELD SLAG RESISTANCE | WOODHEAD STANDARD S-300             |

|      |                     |              |               |
|------|---------------------|--------------|---------------|
| 10   | WRAP LABEL          | VINYL        | BLACK/WHITE   |
| 9    | OVERMOLD            | TPC          | YELLOW        |
| 8    | MALE COUPLING NUT   | BRASS        | NICKEL PLATED |
| 7    | CONTACT PIN         | COPPER ALLOY | GOLD PLATED   |
| 6    | MALE INSERT         | PUR          | BLACK         |
| 5    | O-RING              | VITON        | RED           |
| 4    | FEMALE COUPLING NUT | BRASS        | NICKEL PLATED |
| 3    | CONTACT SOCKET      | COPPER ALLOY | GOLD PLATED   |
| 2    | FEMALE INSERT       | PUR          | BLACK         |
| 1    | #22/3-5 AWG CABLE   | TPE JACKET   | YELLOW        |
| ITEM | DESCRIPTION         | MATERIAL     | FINISH        |

PART NUMBER LEGEND

883030K05M005

POLES: 3,4 & 5

CABLE TYPE  
22AWG  
TPE YELLOW

FINISHED LENGTH:  
M005 = 0.5 METER  
M010 = 1 METER  
M100 = 10 METER

CABLE LENGTH TOLERANCES

<.3M [1FT]: +19mm-0 [ +.75in-0]  
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]  
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]  
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]  
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]  
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]  
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]  
OVER 30M [100FT] +2% OF FINISHED LENGTH

|                                                                                                                                                                                                        |                                                                                                                                               |    |        |        |                                                                                                                                |  |                        |  |                                                                                               |  |                  |  |                              |          |                            |  |                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----|--------|--------|--------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|-----------------------------------------------------------------------------------------------|--|------------------|--|------------------------------|----------|----------------------------|--|------------------------|--|
| FUNCTIONAL SYMBOLS<br><div><div>F</div><div>A</div><div>=0</div></div> <div><div>F</div><div>E</div><div>=0</div></div> <div><div>F</div><div>P</div><div>=0</div></div> <div>DIVISIONAL SYMBOLS</div> | 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: ITEM-9 WAS TPE. ITEM-10 WAS BLACK/YELLOW. MODIFIED CABLE FLEX CHART ....., TEMP RATING AND PART NUMBER CHART |  |                        |  | <div>molex</div>                                                                              |  |                  |  |                              |          |                            |  |                        |  |
|                                                                                                                                                                                                        | INCH/MM                                                                                                                                       |    | NTS    |        |                                                                                                                                |  |                        |  |                                                                                               |  |                  |  |                              |          |                            |  |                        |  |
|                                                                                                                                                                                                        | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |    |        |        | EC NO: 785985<br>DRWN: ABENJAMINLW 2024/05/07<br>CHK'D: PDODDAMANEMY 2024/05/13<br>APPR: BWOODMAN 2024/05/13                   |  |                        |  | MICRO-CHANGE CORDSET, M12<br>3-5 POLE, MALE-FEMALE, STRAIGHT,<br>SINGLE KEY, #22AWG TPE CABLE |  |                  |  |                              |          |                            |  |                        |  |
|                                                                                                                                                                                                        |                                                                                                                                               | mm | INCH   |        |                                                                                                                                |  |                        |  |                                                                                               |  |                  |  |                              |          |                            |  |                        |  |
|                                                                                                                                                                                                        | 4 PLACES                                                                                                                                      |    | ± ---- | ± ---- | INITIAL REVISION:<br>DRWN: LSTEMMLE 2010/01/25<br>APPR: NSTAUDIG 2010/01/29                                                    |  |                        |  | DOCUMENT NUMBER                                                                               |  | DOC TYPE         |  | DOC PART                     | REVISION |                            |  |                        |  |
|                                                                                                                                                                                                        | 3 PLACES                                                                                                                                      |    | ± ---- | ± ---- |                                                                                                                                |  |                        |  | SD-120066-011                                                                                 |  | PSD              |  | 001                          | C        |                            |  |                        |  |
|                                                                                                                                                                                                        | 2 PLACES                                                                                                                                      |    | ± ---- | ± ---- | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                           |  | THIRD ANGLE PROJECTION |  | DRAWING<br>C-SIZE                                                                             |  | SERIES<br>120066 |  | MATERIAL NUMBER<br>SEE CHART |          | CUSTOMER<br>GENERAL MARKET |  | SHEET NUMBER<br>1 OF 1 |  |
|                                                                                                                                                                                                        | 1 PLACE                                                                                                                                       |    | ± ---- | ± ---- |                                                                                                                                |  |                        |  |                                                                                               |  |                  |  |                              |          |                            |  |                        |  |
|                                                                                                                                                                                                        | 0 PLACES                                                                                                                                      |    | ± ---- | ± ---- |                                                                                                                                |  |                        |  |                                                                                               |  |                  |  |                              |          |                            |  |                        |  |
| ANGULAR TOL. ± ---- °                                                                                                                                                                                  |                                                                                                                                               |    |        |        |                                                                                                                                |  |                        |  |                                                                                               |  |                  |  |                              |          |                            |  |                        |  |