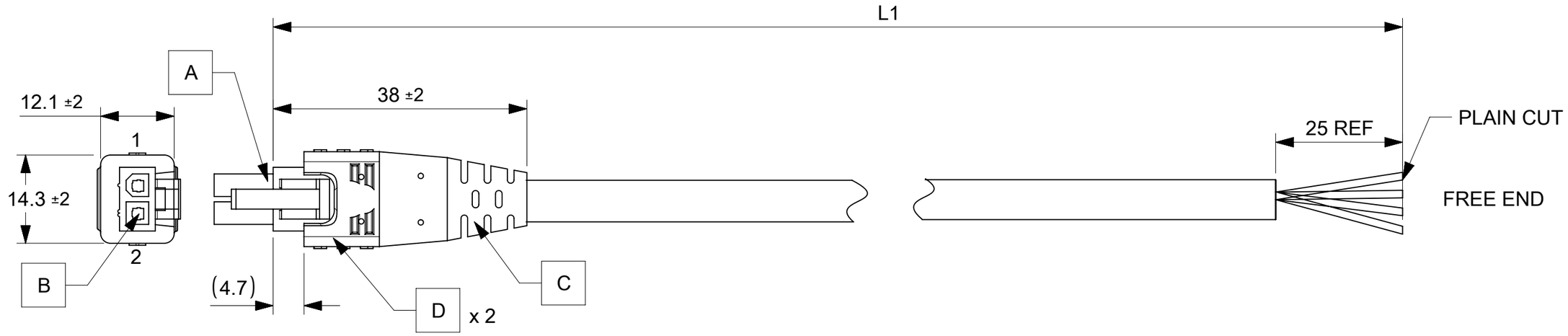
| ITEM | MOLEX P/N | DESCRIPTION | QTY | UOM |
|---|---|---|---|---|
| A | 39014021 | MiniFit Jr SR Recpt Hsg 2 CKT V-0 | 1 | PC |
| B | 39000077 | MiniFit Term Crp Fem Chn Bs Tin 16awg | 2 | PC |
| C | -- | RESIN BLEND STPRNE | A/R | KG |
| D | -- | MOLD PART INNER CAP | 2 | PC |

| FROM | TO | CABLE DESCRIPTION | COLOR |
|---|---|---|---|
| A1 | -- | 2CX16AWG UNSHD BK UL2464 | BLACK |
| A2 | -- | | RED |




| TABLE | | |
|---|---|---|
| PART NUMBER | TITLE | L1 |
| 2171590205 | 2 CKT OVERMOLD MINIFIT JR PIGTAIL 500MM | 500±10 |
| 2171590210 | 2 CKT OVERMOLD MINIFIT JR PIGTAIL 1M | 1000±20 |
| 2171590220 | 2 CKT OVERMOLD MINIFIT JR PIGTAIL 2M | 2000±25 |
| 2171590230 | 2 CKT OVERMOLD MINIFIT JR PIGTAIL 3M | 3000±30 |

NOTES:

1. MOLDING MATERIAL:
   1.1 INNERCAP: PA66 NYLON RESIN.
   1.2 OVERMOLD: SANTOPRENE TPE RESIN.
2. ELECTRICAL PERFORMANCE:
   2.1 VOLTAGE RATING: 300V AC.
   2.2 THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-36586-004.
      1) DIELECTRONIC STRENGTH: 500V DC/0.01 SEC.
      2) INSULATION RESISTANCE: 20M OHMS
3. CONNECTOR VIEWS ARE SHOWN FROM MATING SIDE.
4. MECHANICAL PERFORMANCE:
   4.1 CABLE HARNESS SHOULD WITHSTAND AN AXIAL FORCE OF 5KGF FOR ONE MINUTE BETWEEN OVERMOLD AND CONNECTOR WITHOUT PHYSICAL DAMAGE.
   4.2 OVERMOLD SIDE CAN PASS THE BENDING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.

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

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0
DIVISIONAL SYMBOLS

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± |
| 1 PLACE | ± |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 740245
DRWN: PRAVES6 2023/02/24
CHK'D: SKUMAR07 2023/03/29
APPR: SKUMAR07 2023/03/29

INITIAL REVISION:
DRWN: SBS04 2021/05/01
APPR: MNARAYAN01 2021/05/10

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 217159

molex

SEE TABLE

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2171590205 | PSD | 000 | C |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 1 OF 1 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/03/29 05:14:46 |
|---|---|---|---|

FORMAT: master_Sized-A3
REVISION: J
DATE: 2020/01/14