| MATERIAL NO. | ENGINEERING NO. | LENGTH | POLES | ELECTRICAL SPECS |
|---|---|---|---|---|
| 1300130061 | 1R2004A20A1201 | 12 IN [ 1FT ] | 2 | 500V PER IEC 60664, 600V PER UL 2238, 13 AMPS |
| 1300130144 | 1R3004A20F0301 | 3 FT [ 0.9M ] | 3 | 500V PER IEC 60664, 600V PER UL 2238, 13 AMPS |
| 1300130326 | 1R4004A20F0601 | 6 FT [ 1.8M ] | 4 | 483V PER IEC 60664, 600V PER UL 2238, 10 AMPS |
| 1300130462 | 1R5004A20F3001 | 30 FT [ 9.1M ] | 5 | 400V PER IEC 60664, 600V PER UL 2238, 8 AMPS |
| 1300130583 | 1R6004A20F1201 | 12 IN [ 1FT ] | 6 | 400V PER IEC 60664, 600V PER UL 2238, 8 AMPS |

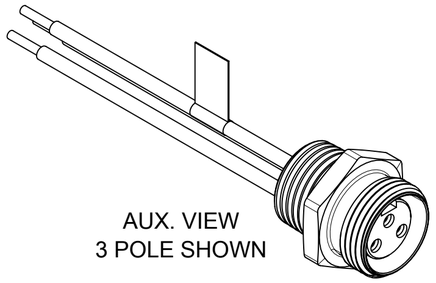
C

## PART NUMBER LEGEND

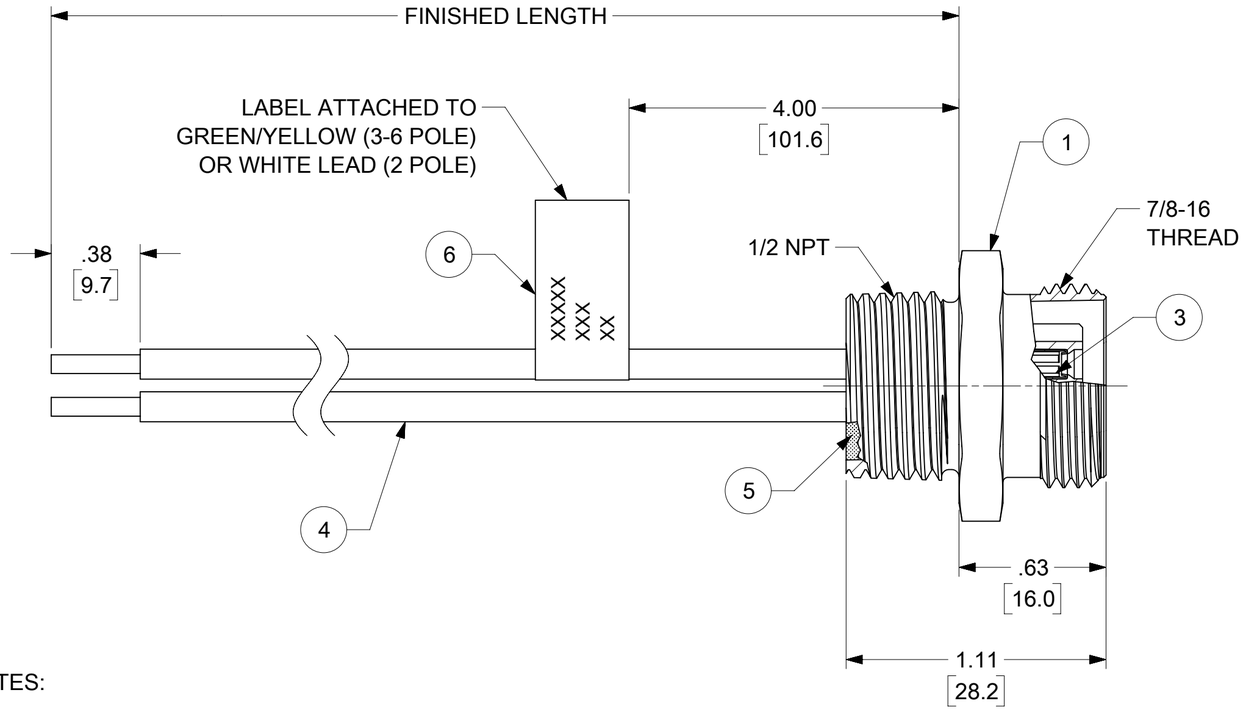
1R4004A20A1201

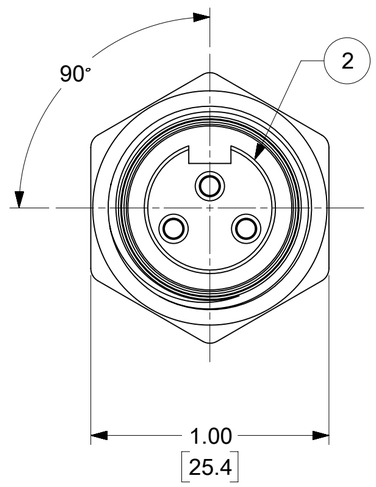
POLES
(2 - 6)

FINISHED LENGTH:
A120= 12 INCH
F010= 1 FEET
F100= 10 FEET
F300= 30 FEET



AUX. VIEW
3 POLE SHOWN

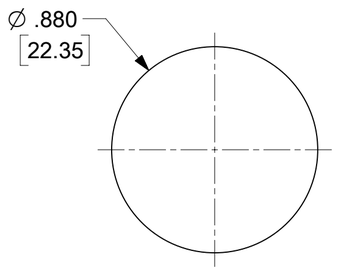



C

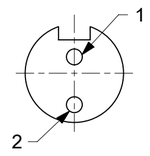
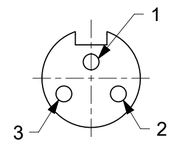
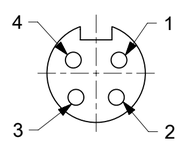
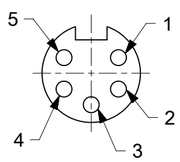
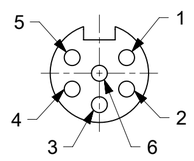
CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [ +.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: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

NOTES:
1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. MATES WITH: MINI CHANGE CABLE
4. ELECTRICAL SPECIFICATIONS: SEE CHART
5. ASSEMBLY IS RoHS COMPLIANT
6. TEMP RATING: -20°TO +105°C (C)
7. UL RECOGNIZED FILE: E152210
   CSA CERTIFIED FILE: LR6837
8. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE.




KNOCKOUT HOLE

C

| FACE VIEW - FEMALE INSERT | | | | |
|---|---|---|---|---|
| 2 POLE | 3 POLE | 4 POLE | 5 POLE | 6 POLE |
|  |  |  |  |  |
| 1 WHITE<br>2 BLACK | 1 GREEN/YELLOW<br>2 BLACK<br>3 WHITE | 1 BLACK<br>2 WHITE<br>3 RED<br>4 GREEN/YELLOW | 1 WHITE<br>2 RED<br>3 GREEN/YELLOW<br>4 ORANGE<br>5 BLACK | 1 WHITE<br>2 RED<br>3 GREEN/YELLOW<br>4 ORANGE<br>5 BLACK<br>6 BLUE |

| | | | |
|---|---|---|---|
| 6 | FLAG LABEL | VINYL | YELLOW |
| 5 | POTTING MATERIAL | EPOXY | --- |
| 4 | WIRE, 16 AWG, UL1015 | PVC INSULATION | SEE FACE VIEWS |
| 3 | CONTACT SOCKET | COPPER ALLOY | GOLD PLATED |
| 2 | INSERT, FEMALE | TPE | YELLOW |
| 1 | RECEPTACLE SHELL | STAINLESS STEEL | PASSIVATED |
| QTY. | DESCRIPTION | MATERIAL | FINISH |

C

C

C

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/07/01 16:33:28 |
|---|---|---|---|

FORMAT: Eng-lega-master-lib-prod-C
REVISION: E1
DATE: 2021/05/01

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: INCH/MM
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ITEM-2 WAS PVC. ADDED ITEM-5, UL, CSA, TEMP RATING, TOL CHART & 2 POLE DETAILS. CORRECTED 6 POLE PIN CONFIGURATION. MODIFIED VOLTAGES IN PN CHART.

EC NO: 826264
DRWN: ABENJAMINLW 2025/06/19
CHK'D: PDODDAMANEMY 2025/06/23
APPR: BWOODMAN 2025/07/01

INITIAL REVISION:
DRWN: RSTONE 2013/01/11
APPR: JFMURPHY 2013/03/01

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 130013

molex

MINI-CHANGE RECEPTACLE, A-SIZE
2-6 POLE, FEMALE, STRAIGHT, SINGLE KEY,
#16AWG, SS

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-130013-041 | PSD | 001 | C |

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