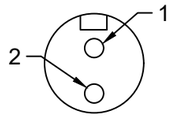
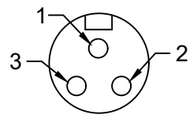
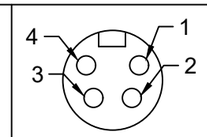
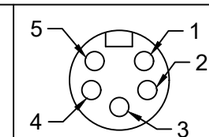
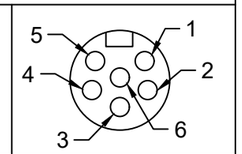
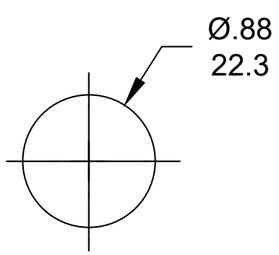
FACE VIEW-FEMALE INSERT				
				
1-WHITE 2-BLACK	1-GREEN / YELLOW 2-BLACK 3-WHITE	1-BLACK 2-WHITE 3-RED 4-GREEN / YELLOW	1-WHITE 2-RED 3-GREEN / YELLOW 4-ORANGE 5-BLACK	1-WHITE 2-RED 3-GREEN / YELLOW 4-ORANGE 5-BLACK 6-BLUE

PART NO. MATRIX

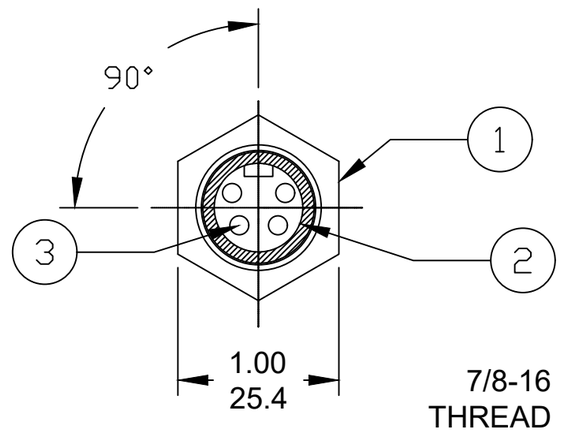
1R3004A20F020

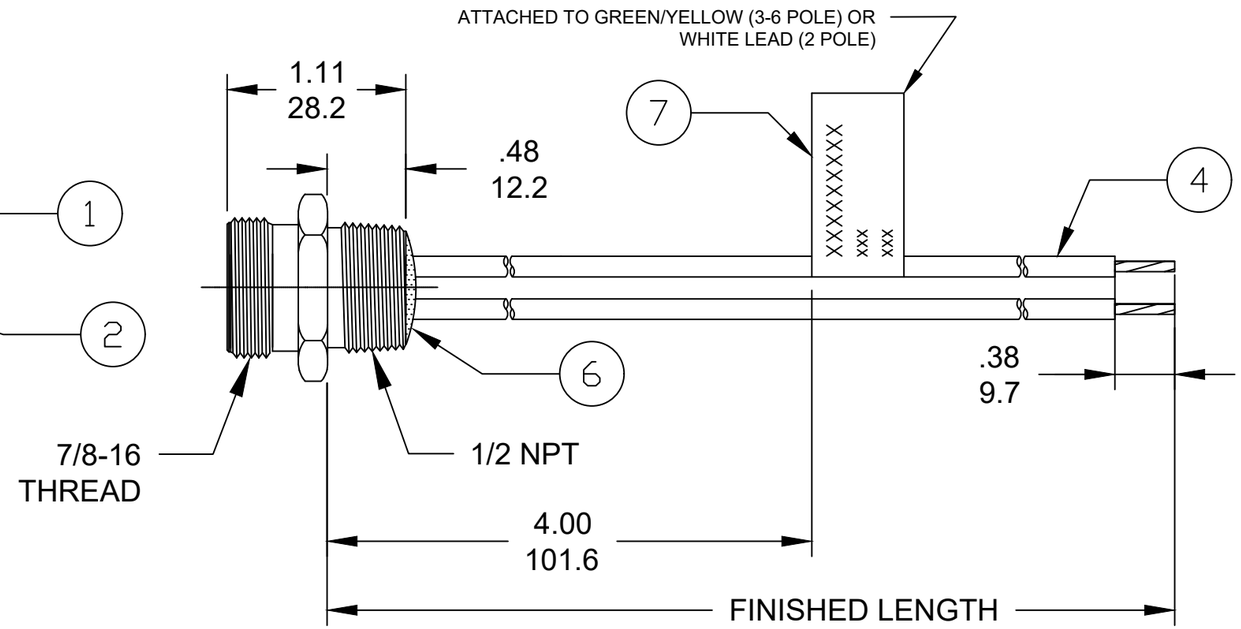
- POLES 2-6
- FINISHED LENGTH:
  - A120= 12 IN.
  - F020= 2 FEET
  - F100= 10 FEET
  - M005= 0.5 METER
  - M010= 1 METER
  - M100= 10 METER

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



REF. KNOCKOUT HOLE





NOTES:
1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
   VOLTAGE: 2P THRU 6P 600V PER UL 2238
   2 & 3P 500V PER IEC60664
   4P 483V PER IEC60664
   5 & 6P 400V PER IEC60664
   CURRENT: 2P & 3P: 13A
   4P: 10A
   5P & 6P: 8A
4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL RECOGNIZED, FILE: E152210
   CSA CERTIFIED, FILE: LR6837
7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

ITEM	DESCRIPTION	MATERIAL	FINISH
6	FLAG LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPOXY	
4	WIRE, 16 AWG UL (1015)	PVC INSULATION	SEE FACE VIEW
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	TPE	YELLOW
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK

PART NO	ENGINEERING NO.	FINISHED LENGTH
1300130060	1R2004A20A120	12 IN [0.3M]
1300130148	1R3004A20F060	6 FT [1.8M]
1300130457	1R5004A20F120	12 FT [3.6M]
1300130007	1R4004A20M060	6.0M [19 FT 8 IN]

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

DIMENSION UNITS: INCH/MM | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516685

EC NO: 830097
DRWN: SANATK1 2025/07/31
CHK'D: GGA 2025/08/06
APPR: GGA 2025/08/06

INITIAL REVISION:
DRWN: RSTONE 2016/12/05
APPR: BWOODMAN 2017/01/16

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 130066

molex

MINI-CHANGE RECEPTACLE, A-SIZE
2-6P, FEMALE, STRAIGHT, SINGLE KEY, 16 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130013-121	PSD	001	B1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/06 10:03:49

FORMAT: ACAD-tb-prod-B
REVISION: B
DATE: 2020/01/14