

6

5

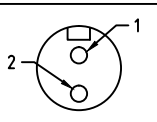
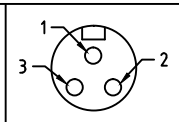
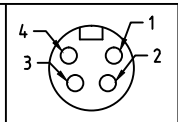
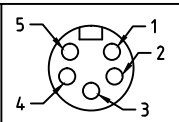
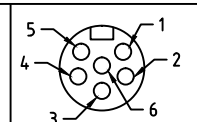
4

3

2

1

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

NOTES:

1. MATERIAL: SEE TABLE

2. FINISH: SEE TABLE

3. ELECTRICAL:

VOLTAGE: 2P THRU 6P 600V PER UL 2238

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

7. ALL DIMS ARE FOR REFERENCE

UNLESS NOTED OTHERWISE

(A1)

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]

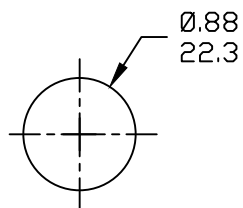
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

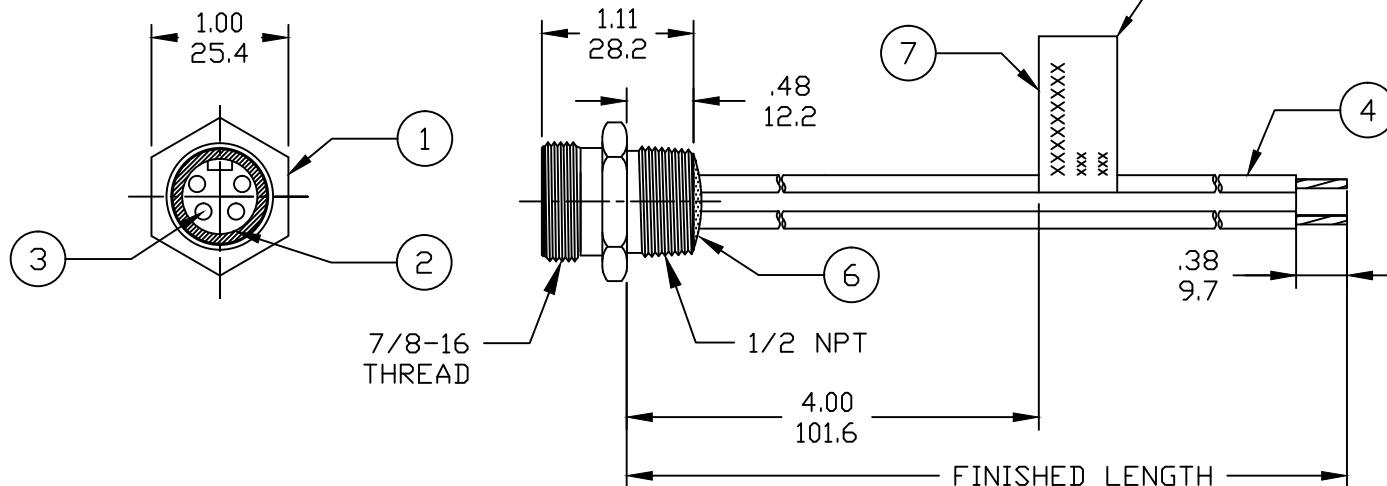
OVER 30M [100FT] +2% OF FINISHED LENGTH

CHART (A1)

PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300130582	1R6004A20F120	12IN
1300131164	1R5004A20M010	1.0M
1300130328	1R4004A20F080	8.0FT



REF. KNOCKOUT HOLE



PART NUMBER LEGEND

1R3004A20F020

POLES
2-6FINISHED LENGTH:
A120= 12 IN.
F020= 2 FEET
F100= 10 FEETM005= 0.5 METER
M010= 1 METER
M100= 10 METER

TABLE

ITEM	DESCRIPTION	MATERIAL	FINISH
6	FLAG LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPDXY	
4	WIRE, 16 AWG UL (015)	PVC INSULATION	SEE CHART
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	PVC	YELLOW
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK

REV'D EC VOLTS, ADD UL FILE, CHART & TOOLS

EC NO: IGC2017-1018

5/1/17

DRWN: RSTONE

CHKD: M ZIELIN

2017/05/08

APPR: BWOODMAN

QUALITY SYMBOLS

=0

C=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
INCH/MM

DRAWN BY	DATE
RSTONE	2016/12/05
CHECKED BY	DATE
M ZIELIN	2016/12/12
APPROVED BY	DATE
---	---

MATERIAL NO.

--

SIZE

A

SCALE

DESIGN UNITS

INCH

THIRD ANGLE
PROJECTIONTITLE
MINI-CHANGE RECEPTACLE
2-6P FEMALE
#16-1 PVC WIRES

MOLEX INCORPORATED

DOCUMENT NO.

SD-130013-121

SHEET NO.

1 OF 1

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