

F

E

D

C

B

A

F

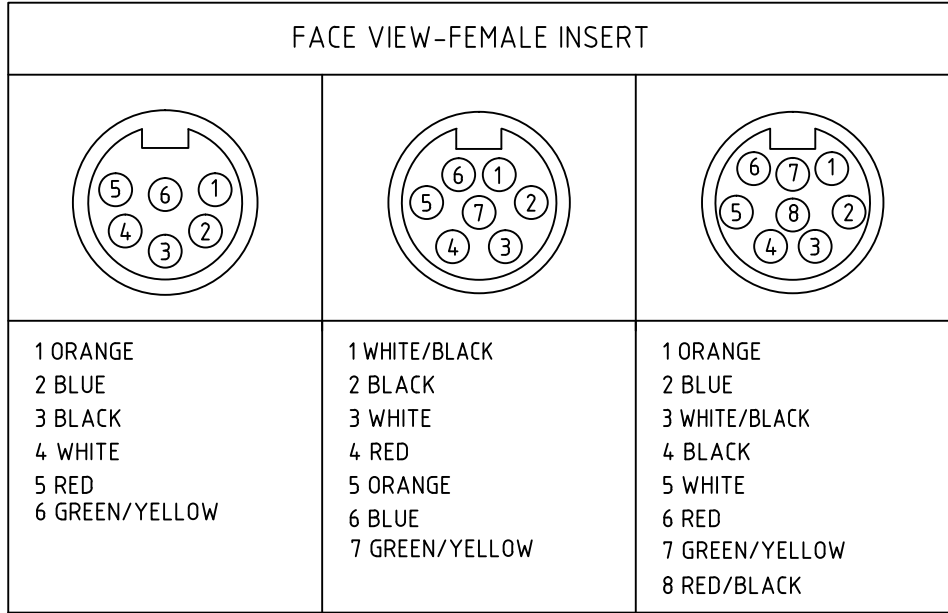
E

D

C

B

A



PART NUMBER LEGEND

2R7006A20M010

POLES
6-8

FINISHED LENGTH:
A120= 12 IN.
F020= 2 FEET
F100= 10 FEET

M005= 0.5 METER
M010= 1 METER
M100= 10 METER

CABLE LENGTH TOLERANCES

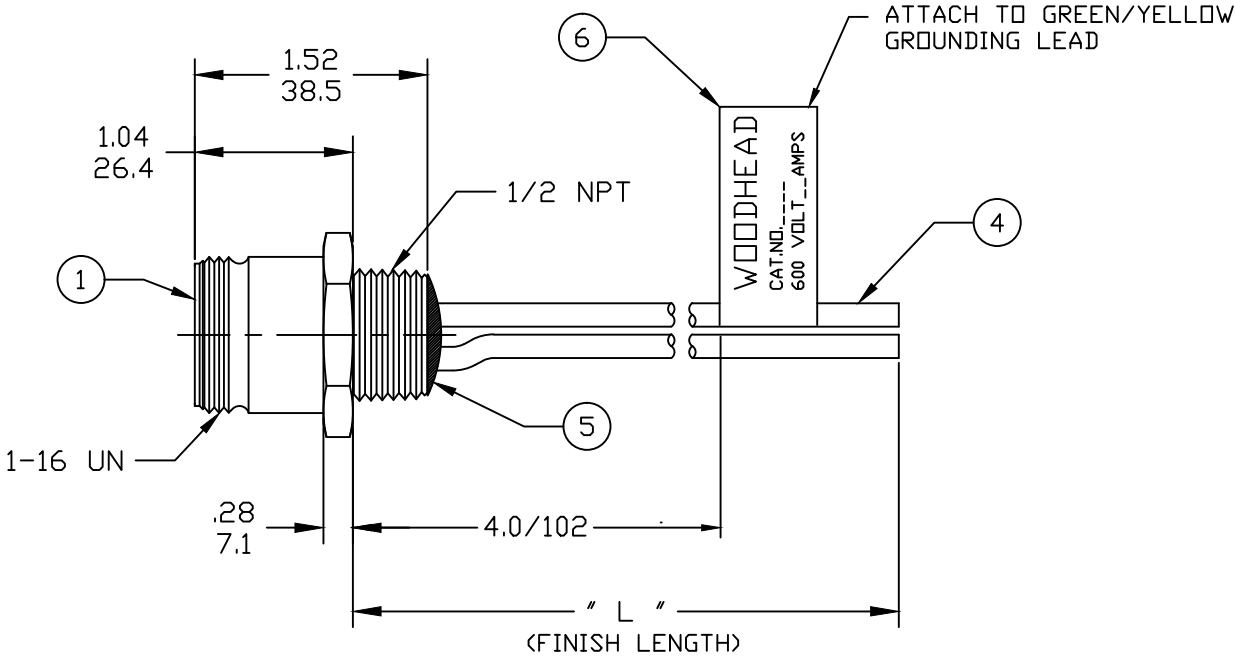
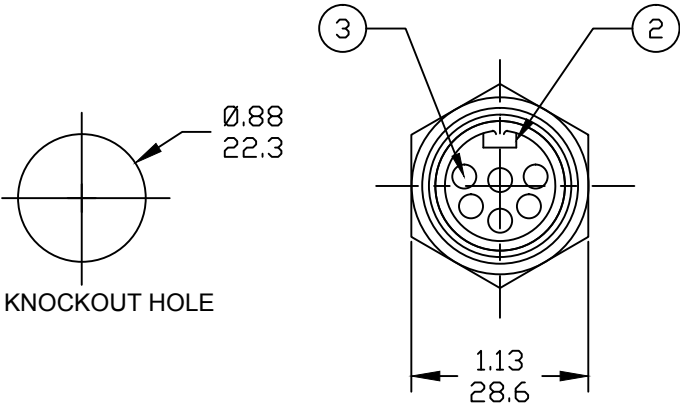
>.3M [1FT]:	+19mm-0 [+ .75in-0]
.3 - .9M [1 - 3FT]:	+44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]:	+55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]:	+88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]:	+165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]:	+317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]:	+622.3mm-0 [+24.50in-0]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

CHART **A1**

PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300140025	2R6006A20A120	12IN
1300140052	2R7006A20F020	2.0FT
1300140153	2R8006A20M003	0.3M

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 6 THRU 8P 600V PER UL 2238
A1 6P 400V PER IEC 60664
7 & 8P 320V PER IEC 60664
CURRENT: 6 & 7 POLE: 8A
8 POLE: 7A

4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
A1 6. UL RECOGNIZED, FILE: E152210
7. ALL DIMS ARE FOR REFERENCE
UNLESS OTHERWISE NOTED



6	LABEL	VINYL	BLACK/YELLOW
5	POTTING	EPOXY	
4	WIRE, 16 AWG, UL 1015	PVC INSUL.	SEE FACE VIEW
3	CONTACT PIN	Cu ALLOY	GOLD PLATED
2	INSERT	PVC	YELLOW
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK E-COAT
ITEM	COMPONENT	MATERIAL	FINISH

REV'D IEC VOLTS; ADD UL FILE, CHART & TOLS		5/1/17		EC NO: IPG2017-1018		DRWN: RSTONE		CH'KD: M ZIELIN		2017/05/08		APPR: BWOODMAN		2017/01/16		REV	
A1		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH/MM			SCALE ---		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
								mm		INCH		DRAWN BY DATE		TITLE MINI-CHANGE RECEPTACLE MALE 6 TO 8 POLE 16 AWG			
						4 PLACES		±---		±---		RSTONE 2016/12/07					
						3 PLACES		±---		±---		CHECKED BY DATE					
						2 PLACES		±---		±---		M ZIELIN 2016/12/12					
						1 PLACE		±---		±---		APPROVED BY DATE		molex MOLEX INCORPORATED			
						BWOODMAN 2017/01/16											
ANGULAR ±1/2°			MATERIAL NO.			DOCUMENT NO.				SHEET NO.							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			---			SD-130014-010				1 OF 1							
SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

REV'D IEC VOLTS; ADD UL FILE, CHART & TOLS
EC NO: IPG2017-1018
DRWN: RSTONE 5/1/17
CHKD: M ZIELIN 2017/05/08
APPR: BWOODMAN 2017/01/16