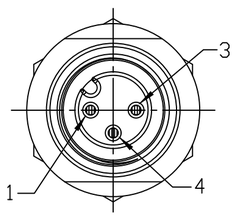
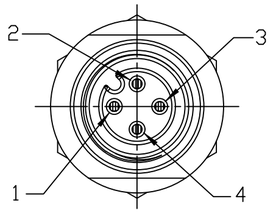
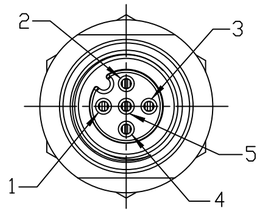
FACE VIEW - FEMALE INSERT



1 BROWN
3 BLUE
4 BLACK



1 BROWN
2 WHITE
3 BLUE
4 BLACK



1 BROWN
2 WHITE
3 BLUE
4 BLACK
5 GRAY

PART NUMBER	POLES	DESCRIPTION	FINISHED LENGTH
1200700056	3	8R3A00A18A120	12.0″ +.75″ -0 [0.3M +19.1MM -0]
1200700114	4	8R4A00A18A120	12.0″ +.75″ -0 [0.3M +19.1MM -0]
1200700201	5	8R5A00A18A120	12.0″ +.75″ -0 [0.3M +19.1MM -0]
1200700119	4	8R4A00A18M010	3.28′ +2.19″ -0 [1M +55.6MM -0] (D)

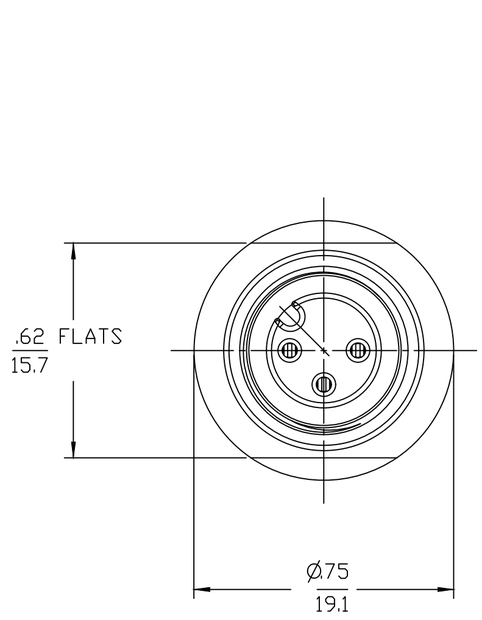
PART NUMBER LEGEND

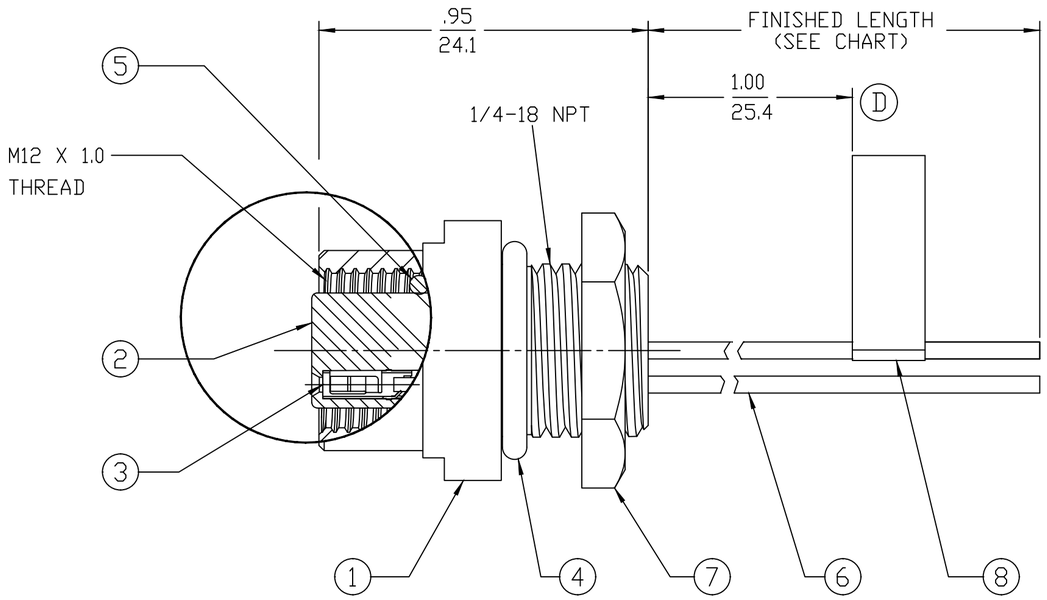
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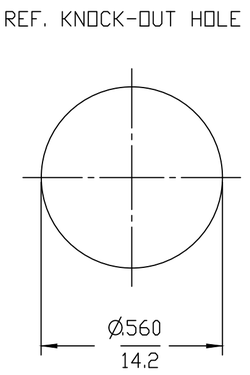
FINISHED LENGTH:
A120= 12 INCHES
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

SHELL MATERIAL/FINISH
BLANK= ALUMINUM/BLACK ANODIZED
1 = 303 ST. STEEL
3 = BRASS/NICKEL PLATE
8 = 316 ST. STEEL

NOTES:
1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. ELECTRICAL SPECIFICATIONS
 VOLTAGE RATING: 250V
 CURRENT RATING: 4 AMPS
4. PROTECTION: IP67 (WHEN MATED)
5. DIMS SHOWN ARE FOR REFERENCE ONLY







ITEM	DESCRIPTION	MATERIAL	FINISH
8	FLAG LABEL	VINYL	BLACK/YELLOW
7	PANEL NUT	STEEL	ZINC PLATED
6	WIRE, 22-1	PVC INSULATED	SEE FACE VIEWS
5	O-RING (MATING)	VITON	RED
4	O-RING (PANEL)	NITRILE	BLACK
3	CONTACT SOCKET	Cu ALLOY	GOLD PLATED
2	INSERT, FEMALE	NYLON	BLACK
1	SHELL	SEE P/N LEGEND	SEE P/N LEGEND

(D)

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

FINAL ASSEMBLY
1200700056 (SHOWN)

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/07 19:51:21

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

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 ±	---- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD NEW PN, UPDATE LENGTH PER MANUFACTURING DOC, ADD TOL BLOCK

EC NO: 690994
DRWN: CCHRASTKA 2022/01/05
CHK'D: RSTONE 2022/01/07
APPR: BWOODMAN 2022/01/07

INITIAL REVISION:
DRWN: NKUMAR01 2009/08/27
APPR: JFMURPHY 2009/08/28

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 120070

molex

MICRO-CHANGE RECEPTACLE
M12 FEMALE, 22 AWG 1/4 NPT FRONT PANEL MNT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120070-056	PSD	001	D

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

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