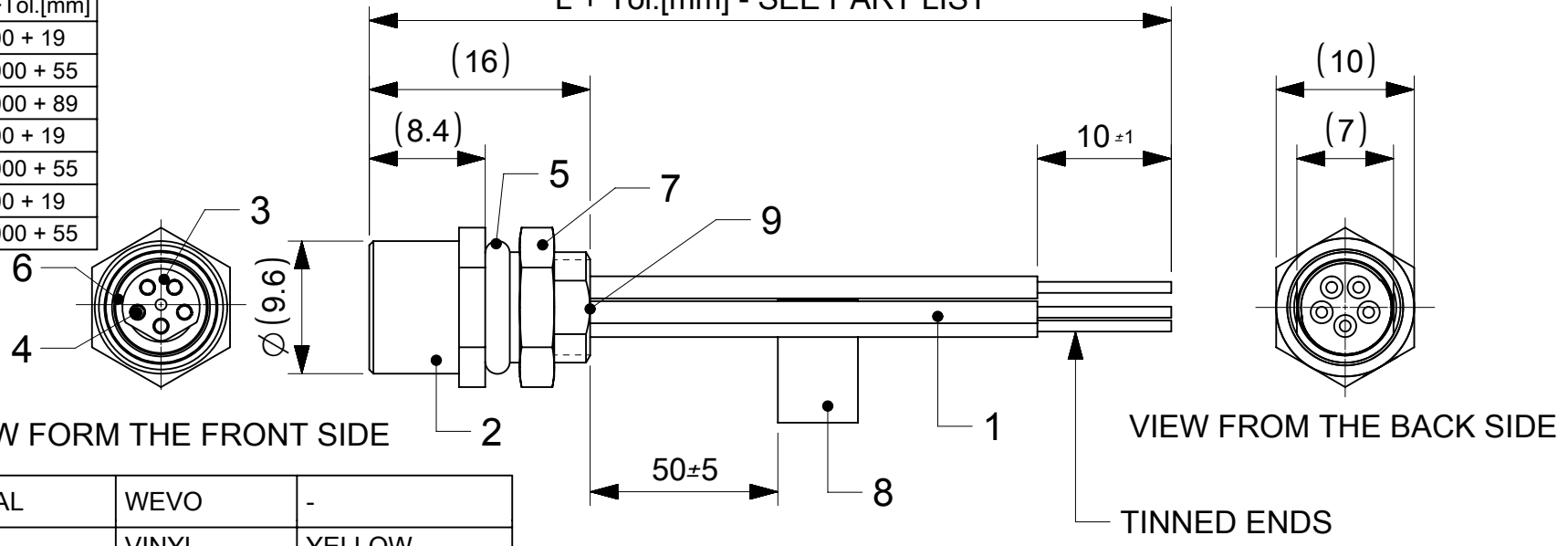


VIEWS FROM THE FRONT SIDE

PART LIST

MOLEX PN	ENGINEERING PN	L+Tol.[mm]
1200900016	4R3P00A27C300	300 + 19
1200900018	4R3P00A27M010	1000 + 55
1200900019	4R3P00A27M020	2000 + 89
1200900029	4R4P00A27C300	300 + 19
1200900031	4R4P00A27M010	1000 + 55
1200900037	4R5P00A27C300	300 + 19
1200900076	4R5P00A27M010	1000 + 55



BOM

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
9	-	POTTING MATERIAL	WEVO	-
8	1	LABEL	VINYL	YELLOW
7	1	LOCKNUT M8X0.5	BRASS	NICKEL PLATED
6	1	GASKET	FKM	RED
5	1	O-RING	NBR	BLACK
4	3/4/5	CONTACT 10 FE	BRONZE	GOLD OVER NICKEL PLATED
3	1	INSERT M8 FE XP	ELASTOLLAN	BLACK
2	1	REC SHELL M8(FE)XM8(M)	BRASS	NICKEL PLATED
1	-	WIRES;24AWG;OD=1.43mm	PVC	-

DOCUMENT STATUS | P1 | RELEASE DATE | 2018/10/03 13:41:36

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SYMBOLS: = 0

DIMENSION UNITS: mm | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.05
1 PLACE	±	0.3
0 PLACES	±	0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 605345
DRWN: MKOWALCZYK01 2018/10/02
CHK'D: MIWASIECZKO 2018/10/03
APPR: MIWASIECZKO 2018/10/03

INITIAL REVISION:
DRWN: MKOWALCZYK01 2018/10/02
APPR: MIWASIECZKO 2018/10/03

THIRD ANGLE PROJECTION | DRAWING: A4-SIZE | SERIES: 120090

molex

NC XP F/FR XM M8 X 0.5

PRODUCT CUSTOMER DRAWING

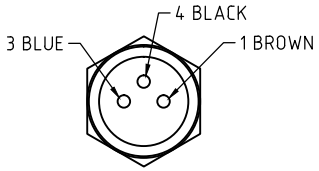
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200908076	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	1 OF 1

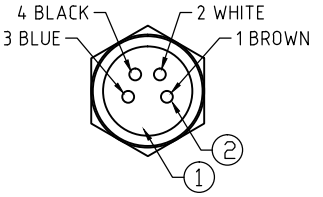
FORMAT: master-tb-prod-A4
REVISION: H
DATE: 2018/01/18

MATERIAL NUMBER	OLD PART NUMBER	FINISHED LENGTH
120090-0016	4R3P00A27C300	11.81″ +.75″ -0 [.3M +19.1 -0]
120090-0018	4R3P00A27M010	3.28′ +2.19″ -0 [1.0M +55.6 -0]
120090-0029	4R4P00A27C300	11.81″ +.75″ -0 [.3M +19.1 -0]
120090-0031	4R4P00A27M010	3.28′ +2.19″ -0 [1.0M +55.6 -0]
120090-0037	4R5P00A27C300	11.81″ +.75″ -0 [.3M +19.1 -0]

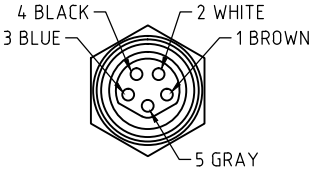
3 POLE FEMALE FACE VIEW

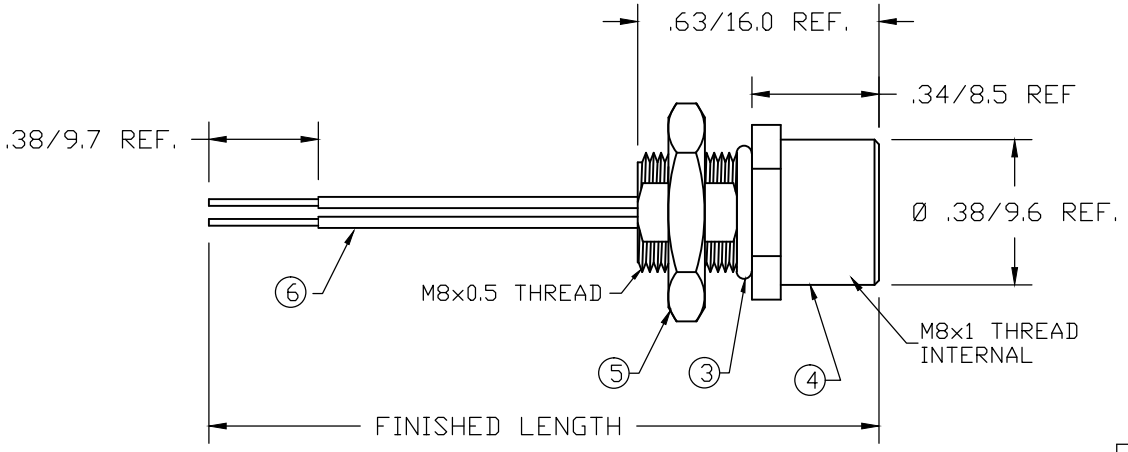


4 POLE FEMALE FACE VIEW



5 POLE FEMALE FACE VIEW





VOLTAGE RATING FOR 3 AND 4 POLE	60 VAC/ 75 VDC
VOLTAGE RATING FOR 5 POLE	30 VAC/VDC
AMPERAGE RATING FOR 3 AND 4 POLE	3 AMPS
AMPERAGE RATING FOR 5 POLE	3 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 105°C
UL CERTIFICATIONS	UL LISTED, FILE NO. E152210
CSA CERTIFICATIONS	CSA CERTIFIED, FILE NO. LR6837

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYURETHANE	BLACK
2	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
3	O-RING	NITRILE	BLACK
4	RECEPTALCLE SHELL	BRASS	NICKEL PLATED
5	LOCKNUT	BRASS	NICKEL PLATED
6	CONDUCTOR- 24 AWG, (.22mm) COPPER STRANDING) 3 CONDUCTOR	PVC	SEE WIRING DIAGRAM

RLSD DRAWING
EC NO: WEU2012-0155 11/10/11
DRWN: VOU
CHKD: KJOZWIK
APPR: JFMURPHY 2009/08/28
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±--	±---
3 PLACES	±--	±.005
2 PLACES	±.15	±.01
1 PLACE	±0.3	±.020
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: BW DATE: 2009/08/26
CHECKED BY: LH DATE: 2009/08/26
APPROVED BY: JFMURPHY DATE: 2009/08/28
MATERIAL NO.: SEE CHART

TITLE: M8 FEMALE RECEPTACLE 3-5P M8X0.5 MOUNTING THD

MOLEX INCORPORATED

DOCUMENT NO.: SD-120090-009
SHEET NO.: 1 OF 1
SIZE: A

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