

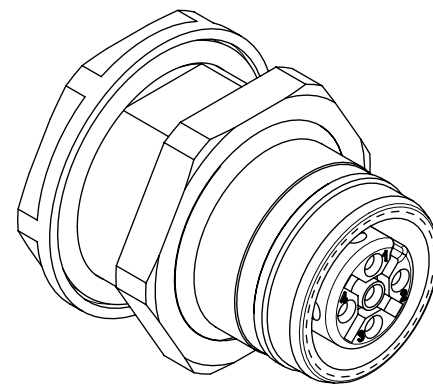
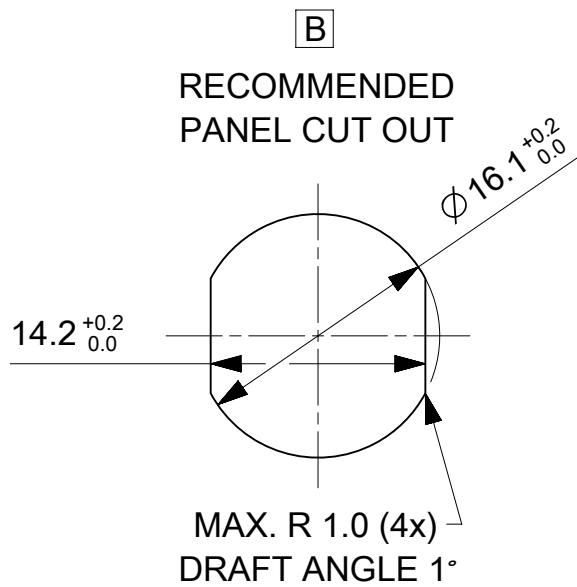
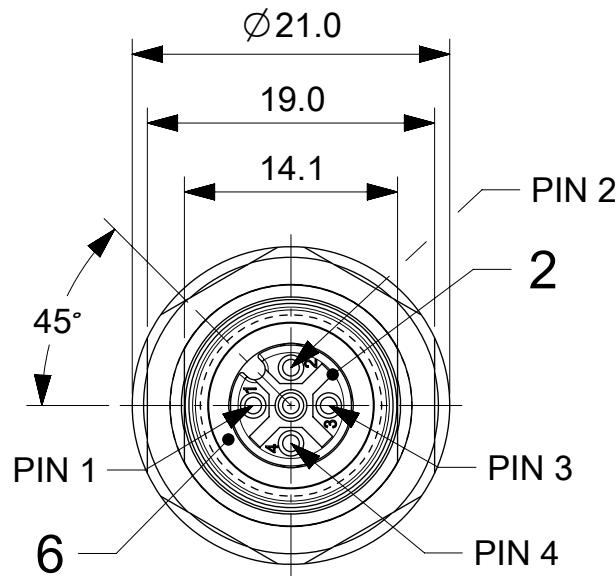
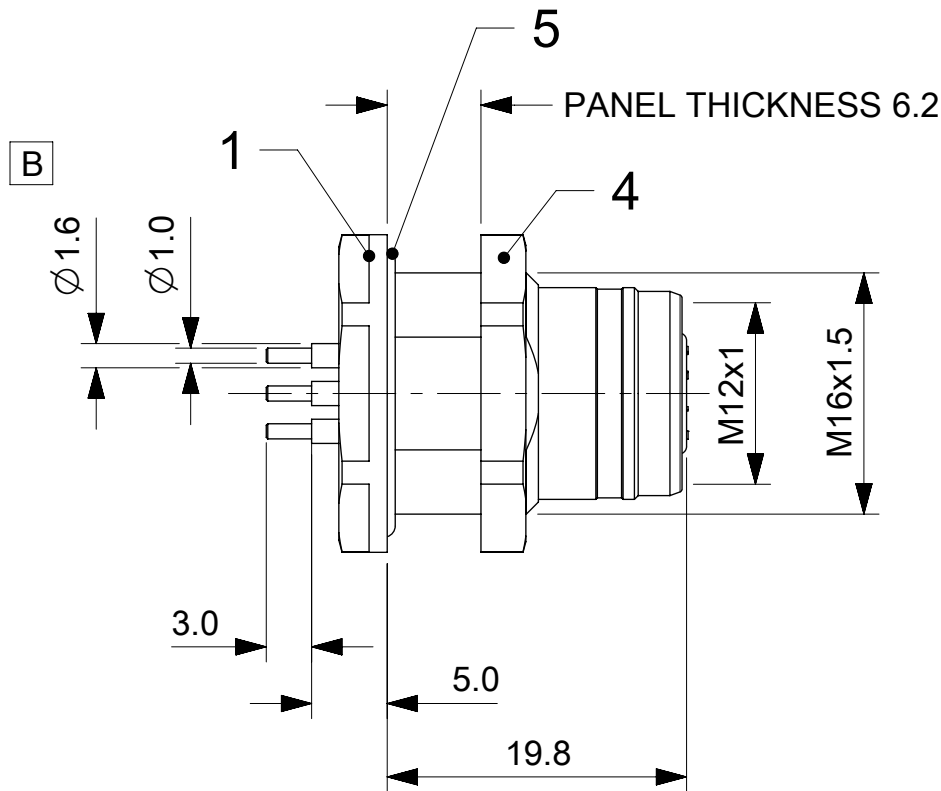
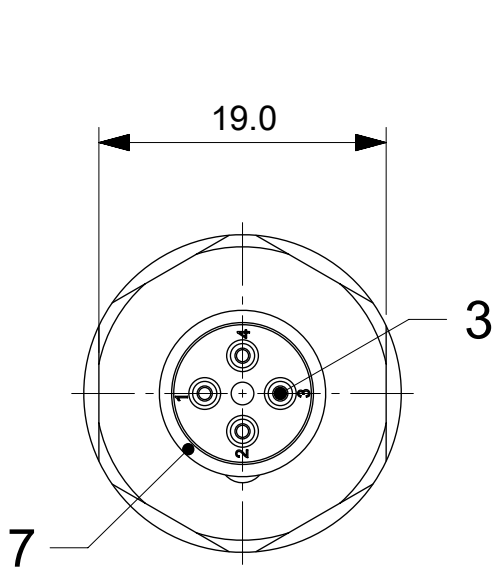


TABLE 1

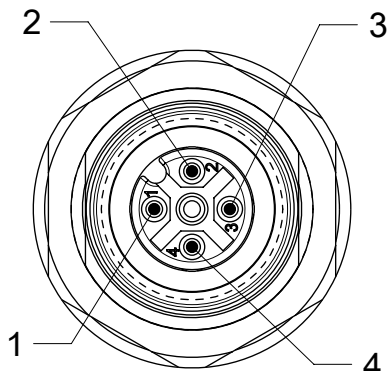
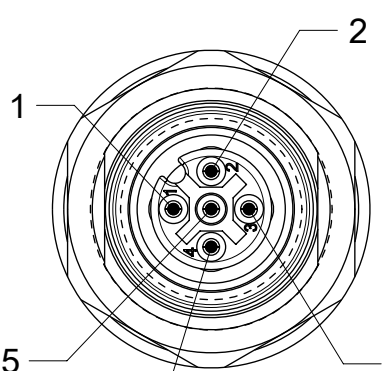
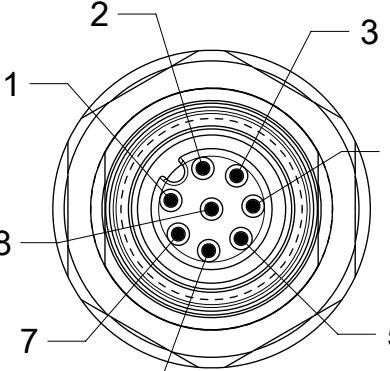
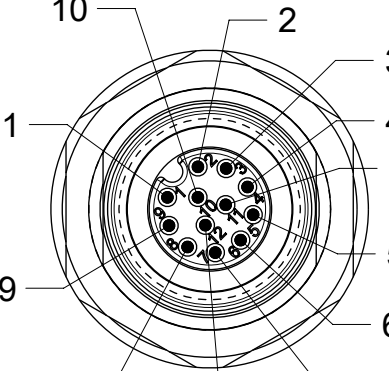
ITEM	QTY.	COMPONENT	MATERIAL	FINISH
1	1	REC SHELL FEMALE	BRASS	NICKEL PLATED
2	1	INSERT	PA	BLACK
3	4/5/8/12	FEMALE CONTACT	BRASS	GOLD OVER NICKEL
4	1	LOCKNUT	BRASS	Ni PLATED
5	1	O-RING 16x1.5	EPDM	BLACK
6	1	O-RING 7.1x1.35	FPM	RED
7	-	POTTING MATERIAL	EPOXY	-

DOCUMENT STATUS	P1	RELEASE DATE	2026/08/26	05:00:13
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED PANEL CUT-OUT INFO, UPDATED BOM, ADDED DIA. DIM. FOR CONTACT, ADDED INSULATION RESISTANCE & MATING CYCLE INFO IN TABLE 3							
	mm		2:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
FA = 0	ANGULAR TOL ± 1.0 °											
FE = 0	4 PLACES ±											
FF = 0	3 PLACES ±											
DIVISIONAL SYMBOLS	2 PLACES ± 0.05											
	1 PLACE ± 0.3											
	0 PLACES ± 0.5											
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
THIRD ANGLE PROJECTION 	DRAWING	SERIES	MATERIAL NUMBER			CUSTOMER			SHEET NUMBER			
	A3-SIZE	120084	SEE TABLE 2			GENERAL MARKET			1 OF 2			

molex	REC U12 XP AC FE M16 BM SOL BRA AU									
	PRODUCT CUSTOMER DRAWING									
	DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
	1200845175				PSD		000		B	

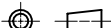
TABLE 3

MATERIAL-NO.	1200845175	1200845179	1200840048	1200845176
ENG-NO.	WR4W400003	WR5W400003	WR8W400003	WRCW400003
LAYOUT				
VOLTAGE RATING	250V	60V	30V	30V
AC/DC CODING	A - Code	A - Code	A - Code	A - Code
AMPERE RATING	4A	4A	2A	1.5A
PROTECTION CLASS CONNECTOR INTERFACE SHELL TO ENCLOSURE	IP67/69K (in mated condition / when properly installed)			
OPERATING TEMP.	-25°C / 85°C			
INSULATION RESISTANCE	10 ⁸ Ω MIN			
MATING CYCLES	MIN. 100			
UL CERTIFICATION	FILE NO. E152210			
CSA CERTIFICATION	FILE NO. LR6837			
PIN DIAMETER	1.0 mm	1.0 mm	0.8 mm	0.6 mm

DRILL LAYOUT BACKSIDE

TABLE 2

MOLEX P/N	ENGINEERING NR.	DESCRIPTION
1200845175	WR4W400003	REC U12 4P AC FE M16 BM SOL BRA AU
1200845179	WR5W400003	REC U12 5P AC FE M16 BM SOL BRA AU
1200840048	WR8W400003	REC U12 8P AC FE M16 BM SOL BRA AU
1200845176	WRCW400003	REC U12 12P AC FE M16 BM SOL BRA AU

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED PANEL CUT-OUT INFO, UPDATED BOM, ADDED DIA, DIM. FOR CONTACT, ADDED INSULATION RESISTANCE & MATING CYCLE INFO IN TABLE 3				molex								
	mm		2:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 1.0°								REC U12 XP AC FE M16 BM SOL BRA AU								
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES ± 0.05				PRODUCT CUSTOMER DRAWING												
	1 PLACE		± 0.3														
	0 PLACES		± 0.5														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				A3-SIZE		120084		1200845175		PSD		000		B			
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE TABLE 2		GENERAL MARKET		2 OF 2			