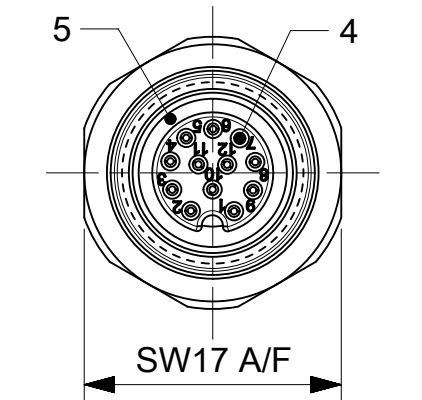
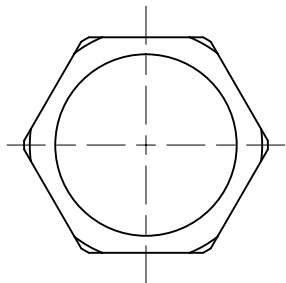
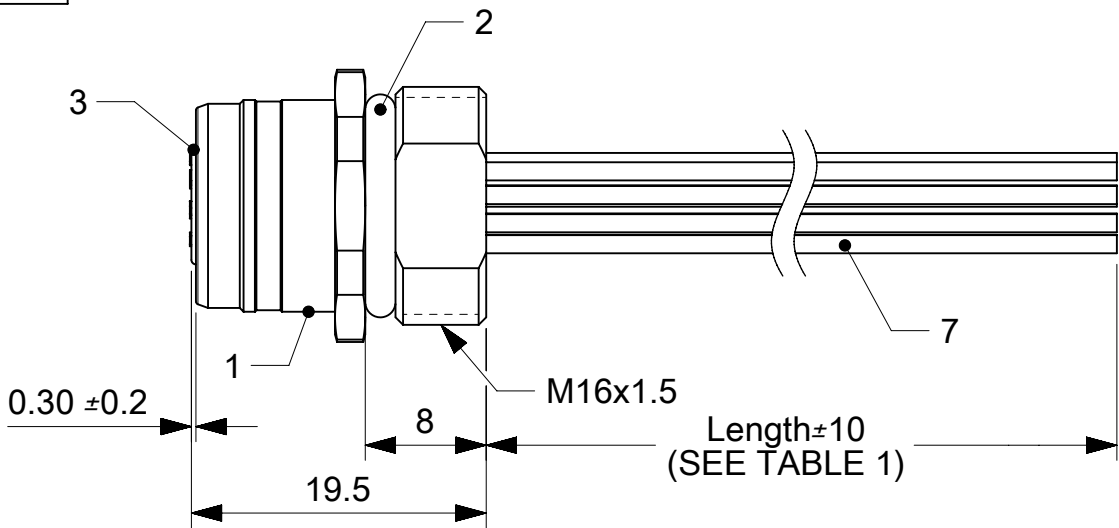


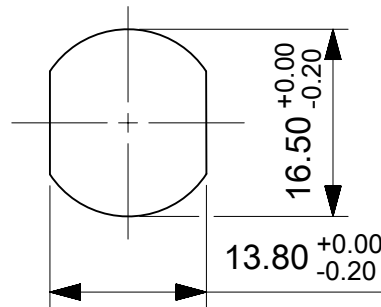
10		9		8		7	
GENERAL CHARACTERISTICS				STANDARD			
No. OF CONTACTS				IEC 947-5-2		12	
RATED VOLTAGE				IEC 664		30V AC/DC	
POLLUTION DEGREE				IEC 664		3	
CURRENT CARRYING CAPACITY				IEC 512-3 TEST 5b		1.5A	
CONTACT RESISTANCE				IEC 512-2 TEST 2 A		< 5 mOhm	
RATED IMPULSE WITHSTAND VOLTAGE				IEC 664		0.8 kV	
TEST VOLTAGE				IEC 60512-2 TEST 4 A		0.5kV/60 sec	
INSULATION RESISTANCE				IEC 512-2 TEST 3 A		> 100 MOhm	
IP DEGREE OF PROTECTION				IEC 529		IP 67	
PIN DIAMETER						0.6 mm	
TERMINATION						CRIMP	
FLAMMABILITY		INSERTS		UL 94		V-0	
		CABLES				VDE 0472/804	
MECHANICAL OPERATION						100 MATING CYCLES	
TEMPERATURE RANGE				IEC 60668-1		-25°C/+90°C	



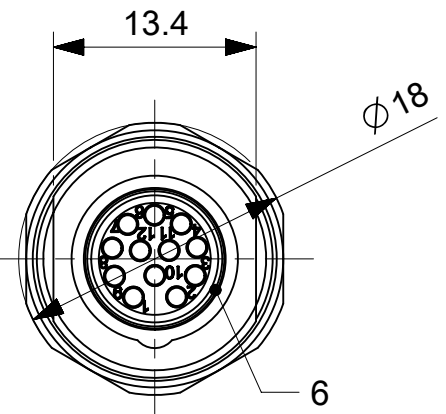
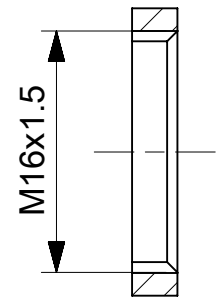
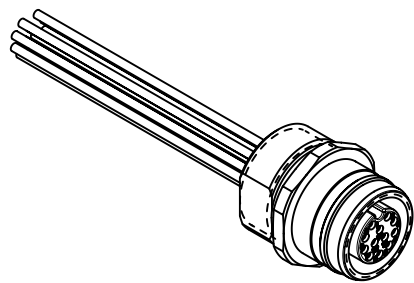
VIEW FROM FRONT SIDE



LOCK NUT M16x1.5
(NEEDS TO BE ORDER SEPARATE)



PANEL CUTOUT



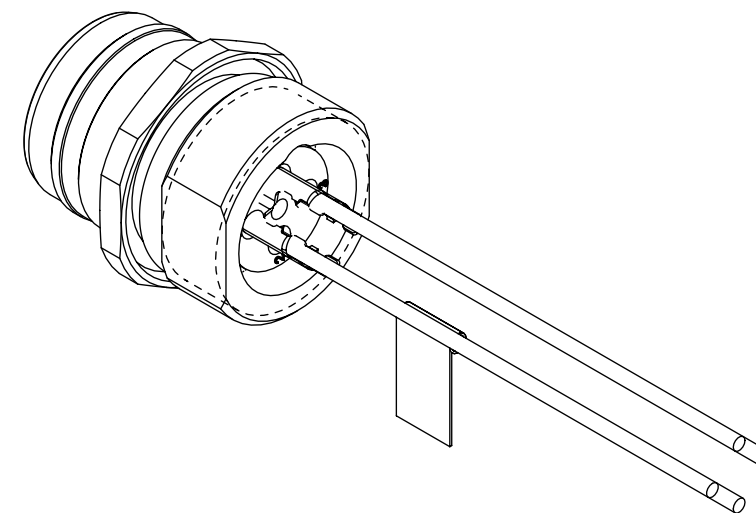
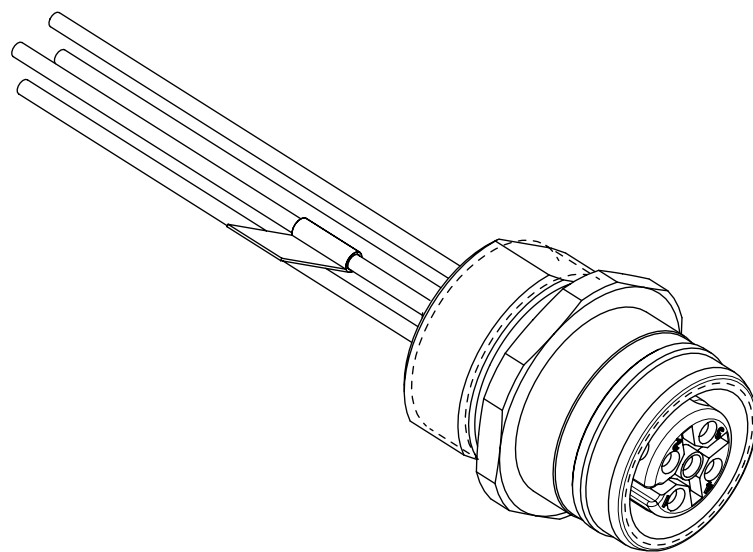
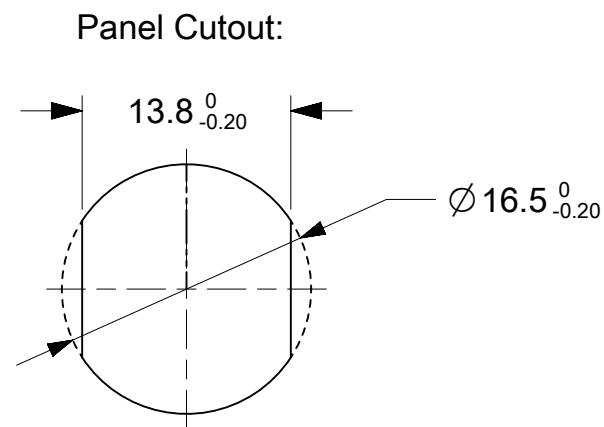
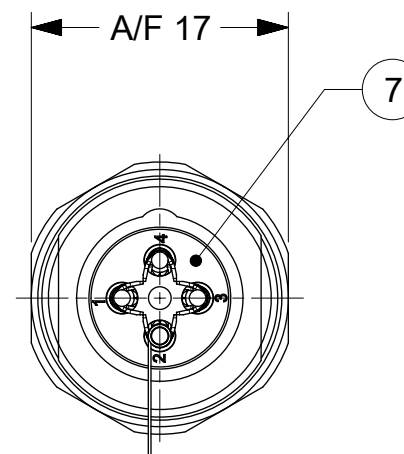
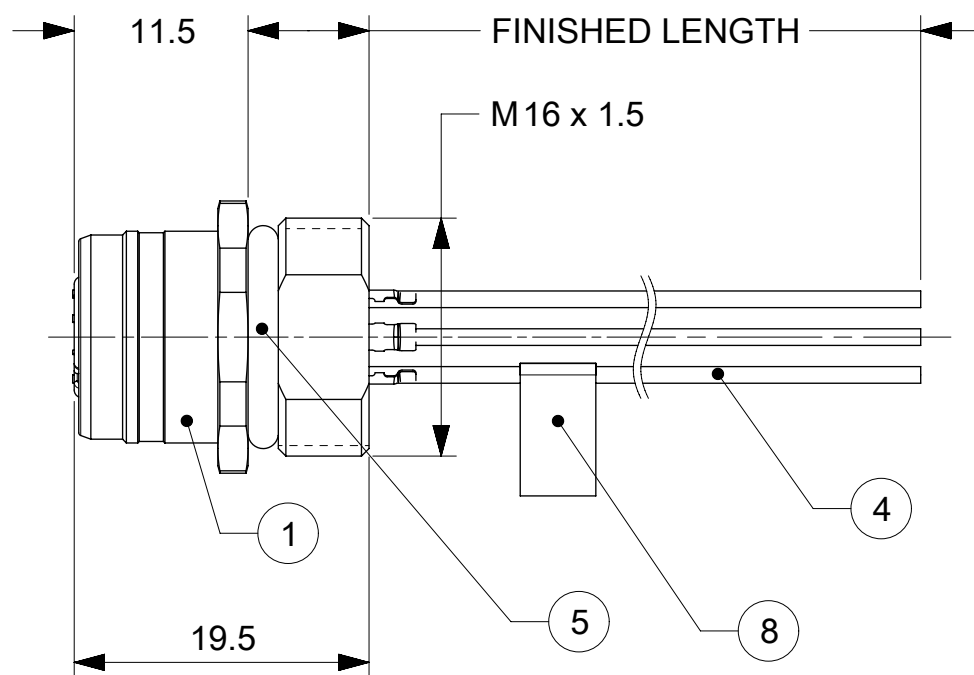
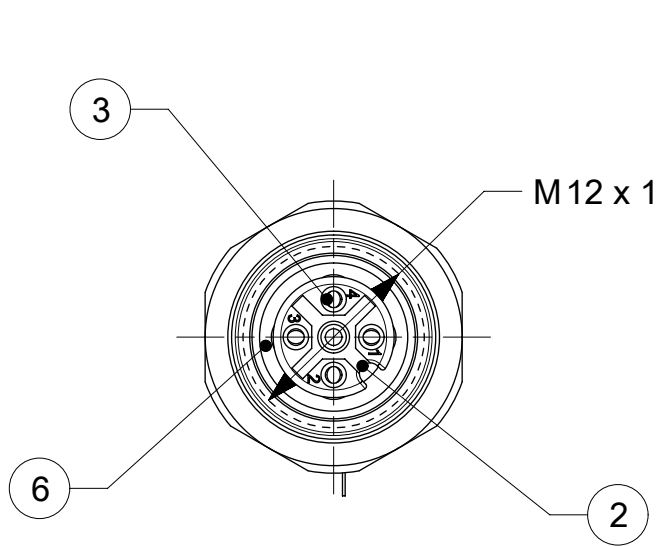
VIEW FROM WIRE SIDE

B		ITEM		QTY.		DESCRIPTION		MATERIAL		FINISH/COLOR	
		1		1		UL.M12(FE)XM16(M)FRONT PANEL		BRASS		Ni-PLATED	
		2		1		O-RING		NBR		BLACK	
		3		1		INSERT M12 FEMALE		PUR		BLACK	
		4		12		M12 FEMALE CONTACT		BRASS		Cu/Ni3bAuCo0.6	
		5		1		GASKET OR		FPM		RED	
		6		1		SHELL FEMALE SHIELD		BRASS		Ni-PLATED	
		7		12		WIRES		-		-	
		8		-		ADH PUR 2K HARD WEVONAT 300M BN V0		-		-	
		9		-		ADH PUR 2K WEVO CASTING RESIN PU552FL/10		-		-	
A		DOCUMENT STATUS		P1		RELEASE DATE		2018/06/22		08:14:43	

TABLE 1

PART-NUMBER	ENGINEERING.NO	LENGTH
1200845012	WRCU20E01C200	200mm
1200845013	WRCU20E01C300	300mm

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:			molex			
	mm										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 178263 2018/05/22 DRWN: SSM 2018/06/20 CHK'D: SSM 2018/06/20 APPR: RSILLER			REC U12 12P AC FE 0.3M M16 FM WIR SE SHD			
		MM	INCH								
	4 PLACES	±	±								
	3 PLACES	±	±								
	2 PLACES	±	±								
	1 PLACE	±	±		INITIAL REVISION:			PRODUCT CUSTOMER DRAWING			
	0 PLACES	±	0.3								
ANGULAR TOL	±	1.0 °		2012/01/23 DRWN: BBRAUCH 2012/02/15 APPR: REISSNER			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							1200845013		PSD	000	A
THIRD ANGLE PROJECTION				DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER		
				A3-SIZE	120084	SEE TABLE 1	GENERAL MARKET		1 OF 1		

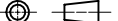


NOTE :

1. POS. 8 LABEL - ON WHITE WIRE FOR 4 POL. VERSIONS
- ON GREEN/YELLOW OR GREY WIRE FOR 5 AND 8 POL. VERSIONS
- NO LABEL FOR 12 POL. VERSIONS

TABLE 1

ITEM	COMPONENT	MATERIAL	FINISH
1	REC SHELL	BRASS	NICKEL PLATED
2	INSERT	PUR	BLACK
3	CONTACT	BRASS /GOLD	CuZn Ni/Au
4	WIRES	COPPER/PVC	NONE
5	O-RING	NBR	BLACK
6	O-RING	VITON	RED
7	POTTING MATERIAL	WEVO	NONE
8	LABEL	-	YELLOW

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex		
 = 0		mm	2:1								
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 651095 DRWN: SSM 2020/11/26 CHK'D: RSILLER 2020/12/10 APPR: RSILLER 2020/12/10 INITIAL REVISION: DRWN: SSM 2017/09/26 APPR: RSILLER 2017/12/15			REC U12 XP AC FE XM M16 FM WIR BRA AU				
 = 0											
 = 0											
ANGULAR TOL ± 1.0°											
 = 0		4 PLACES	±								
 = 0		3 PLACES	±								
 = 0		2 PLACES	± 0.05								
 = 0		1 PLACE	± 0.3								
 = 0		0 PLACES	± 0.5								
 = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		120084		SEE SHEET 3	
										CUSTOMER	
										GENERAL MARKET	
										SHEET NUMBER	
										1 OF 3	

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PART LIST

4 POLE VERSIONS

MOLEX P/N	ENGINEERING NR.	L [mm]	TOL
1200845107	WR4U20E03C3003	300	±10
1200250006	WR4U20E03C300	300	±10
1200848085	WR4U20E03C500	500	±10

5 POLE VERSIONS

MOLEX P/N	ENGINEERING NR.	L [mm]	TOL	PIN 5
1200845113	WR5U20E03C3003	300	±10	GN/YE
1200848027	WR5U20E03C500	500	±10	GN/YE
1200848037	WR5U20E03M020	2000	±10	GREY
1200848124	WR5U20E03M010	1000	±10	GN/YE

8 POLE VERSIONS

MOLEX P/N	ENGINEERING NR.	L [mm]	TOL
1200845002	WR8U20E02M010	1000	±10
1200845095	WR8U20E02C300	300	±10

12 POLE VERSIONS

MOLEX P/N	ENGINEERING NR.	L [mm]	TOL
1200845012	WRCU20E01C200	200	±10
1200845013	WRCU20E01C300	300	±10

MENT STATUS

P1

RELEASE DATE

2020/12/10

14:10:45

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