

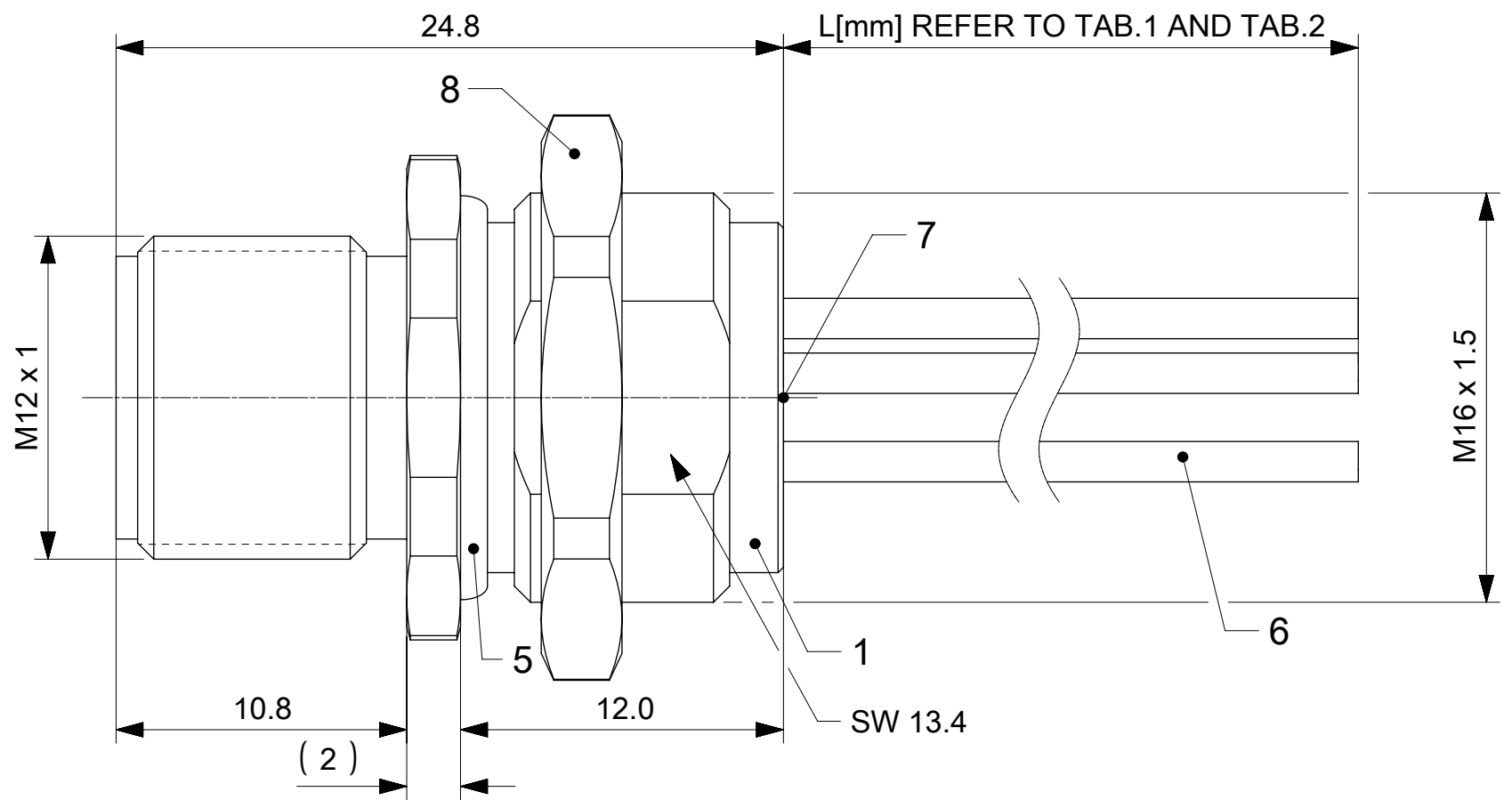
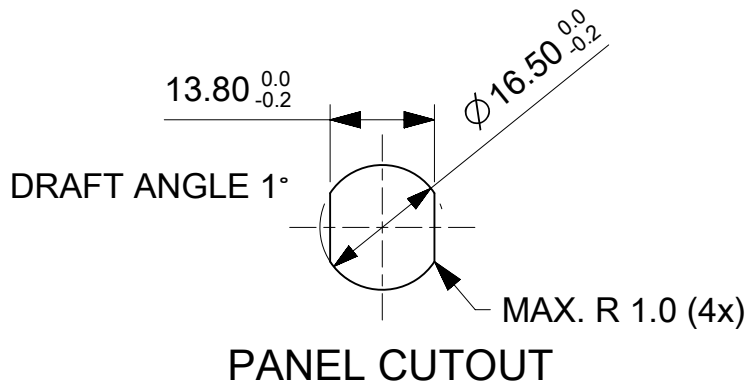
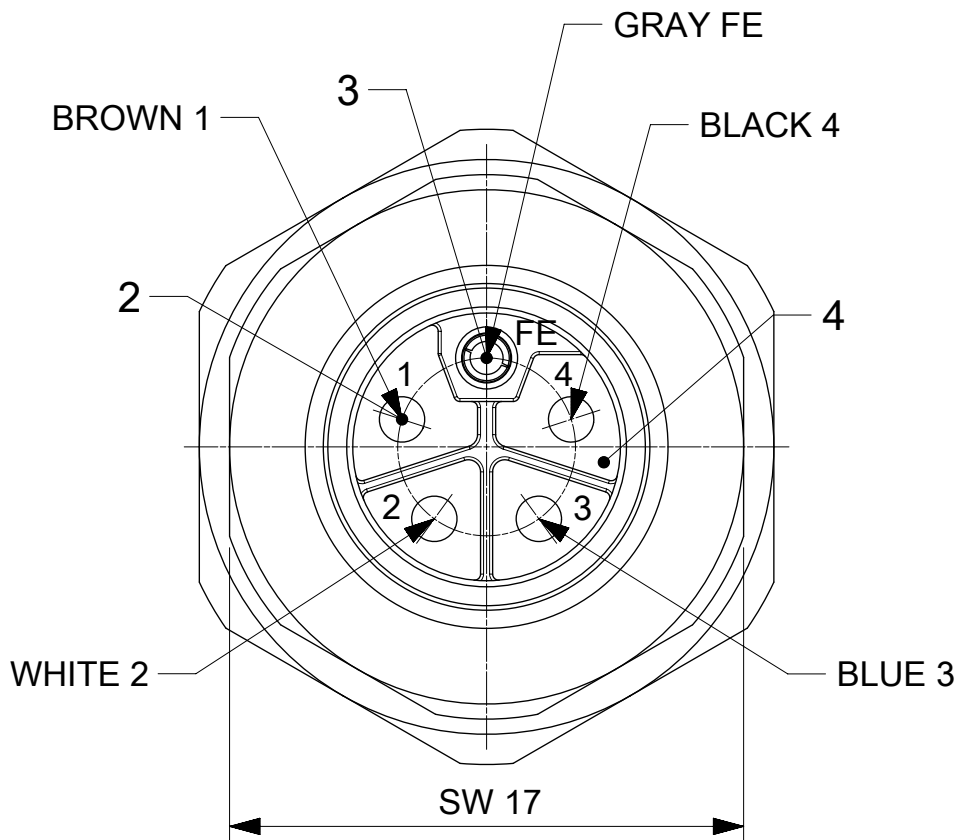


TABLE 1: CABLE LENGTH

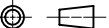
NOMINAL SECTION 1,5mm ²					
MATERIAL NO.	ENG. NO.	DESCRIPTION	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020012	LRP5U26L15M005	REC M12 5P LC MA M16 FM 0.5M WIR 1.5	500	+40	12
1205020013	LRP5U26L15M002	REC M12 5P LC MA M16 FM 0.2M WIR 1.5	200	+40	12
1205020038	LRP5U26L15M010	REC M12 5P LC MA M16 FM 1.0M WIR 1.5	1000	+40	12
1205020039	LRP5U26L15M020	REC M12 5P LC MA M16 FM 2.0M WIR 1.5	2000	+60	12
1205020057	LRP5U26L15M030	REC M12 5P LC MA M16 FM 3.0M WIR 1.5	3000	+60	12
1205020058	LRP5U26L15M040	REC M12 5P LC MA M16 FM 4.0M WIR 1.5	4000	+60	12
1205020059	LRP5U26L15M050	REC M12 5P LC MA M16 FM 5.0M WIR 1.5	5000	+60	12

TABLE 2: CABLE LENGTH

NOMINAL SECTION 2,5mm ²					
MATERIAL NO.	ENG. NO.	DESCRIPTION	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020022	LRP5U26L25M005	REC M12 5P LC MA M16 FM 0.5M WIR 2.5	500	+40	16
1205020023	LRP5U26L25M002	REC M12 5P LC MA M16 FM 0.2M WIR 2.5	200	+40	16
1205020042	LRP5U26L25M010	REC M12 5P LC MA M16 FM 1.0M WIR 2.5	1000	+40	16
1205020043	LRP5U26L25M020	REC M12 5P LC MA M16 FM 2.0M WIR 2.5	2000	+60	16
1205020060	LRP5U26L25M030	REC M12 5P LC MA M16 FM 3.0M WIR 2.5	3000	+60	16
1205020061	LRP5U26L25M040	REC M12 5P LC MA M16 FM 4.0M WIR 2.5	4000	+60	16
1205020062	LRP5U26L25M050	REC M12 5P LC MA M16 FM 5.0M WIR 2.5	5000	+60	16

TABLE 3: BOM

POS	DESCRIPTION	MATERIAL	FINISH
1	SHELL M16MA	BRASS	Ni
2	CONTACT 15 MA	BRASS	Au
3	CONTACT 15 FE	BRASS	Au
4	INSERT	PA	GREY
5	O-RING	NBR	BLACK
6	WIRE 16AWG / 14AWG	PVC	-
7	POTTING MATERIAL	RESIN	NATURAL
8	HEX NUT	BRASS	Ni

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: NEW P/N'S ADDED			molex							
	mm		4:1												
	F A = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				REC M12 5P LC MA M16 FM XM WIR									
F E = 0	ANGULAR TOL ± 1.0 °														
DIVISIONAL SYMBOLS	F E = 0	4 PLACES		±		EC NO: 776660			PRODUCT CUSTOMER DRAWING						
		3 PLACES		±		DRWN: RSCHEIBER 2024/02/08									
		2 PLACES		± 0.05		CHK'D: RSILLER 2024/02/09									
		1 PLACE		± 0.1		APPR: RSILLER 2024/02/09									
		0 PLACES		± 0.5		INITIAL REVISION:									
						DRWN: SMORADICHARG 2016/07/21									
						APPR: RSILLER 2022/05/04			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
									1205020012		PSD	000	A4		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120502		SEE TABLE		GENERAL MARKET		1 OF 1	

TECHNICAL DATA:

CONTACT Ø: 1.5mm
RATED VOLTAGE: 63V AC/DC
RATED CURRENT: SEE TAB.1 AND TAB.2
OVERVOLTAGE CATEGORIE: 3
POLLUTION DEGREE: 3
DIELECTRIC STRENGTH: 1500V
CONTACT RESITANCE: ≤ 5mΩ
INSULATION RESISTANCE: MIN: 10⁸ Ω

IP RATING: IP67 (connected condition)
TEMPERATURE RANGE: -25°C TO +85°C

PACKAGING:
THE RECEPTACLE ARE PACKED IN PLASTIC BAGS
AND DELIVERED IN CARTON BOXES