

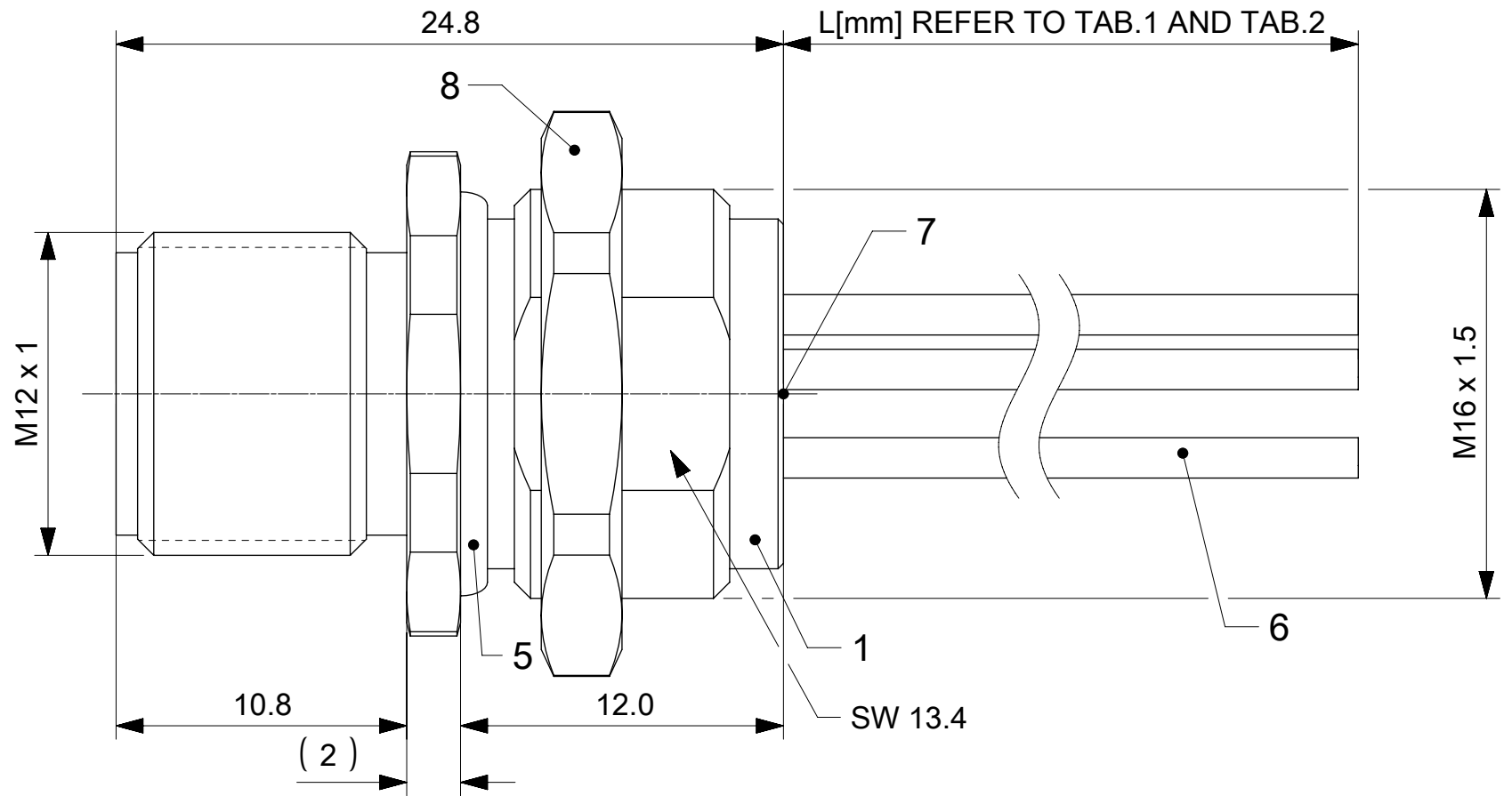
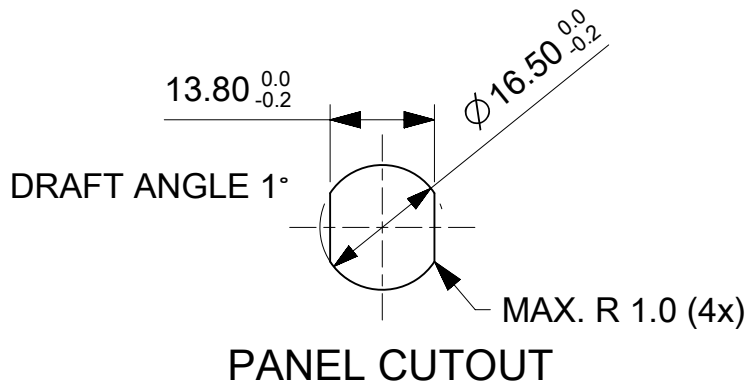
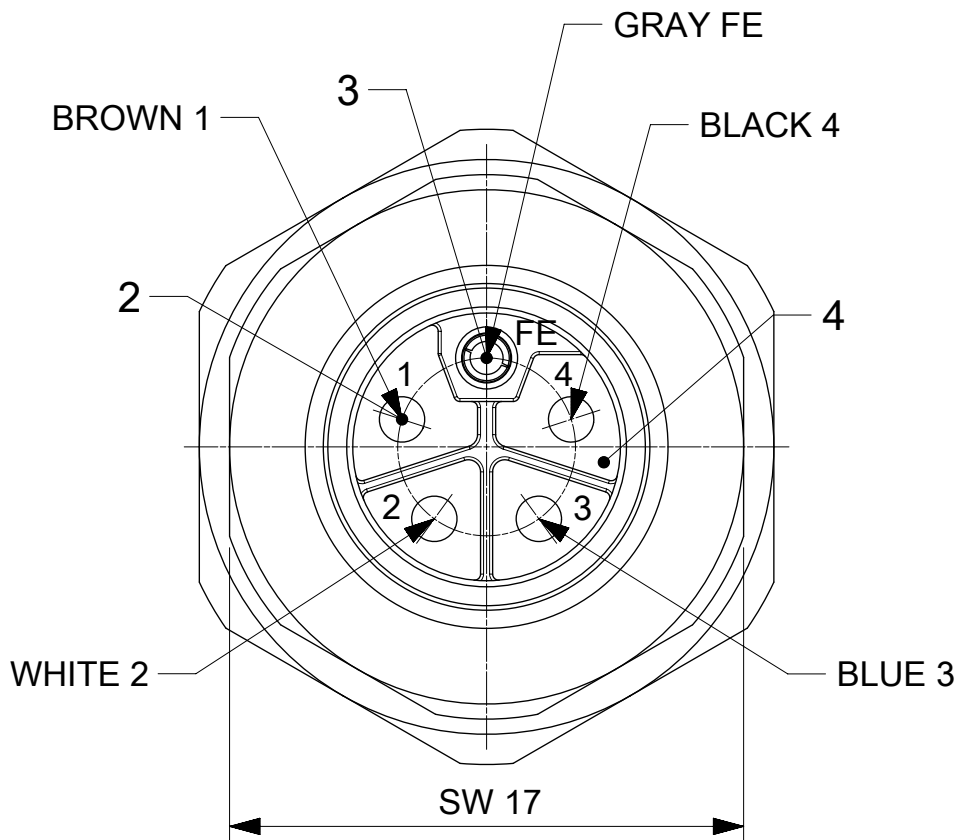


TABLE 1: CABLE LENGTH

NOMINAL SECTION 1,5mm²					
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 2,5mm²					
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													
FA = 0 FE = 0 FF = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW P/N'S ADDED				molex REC M12 5P LC MA M16 FM XM WIR					
		mm		4:1											
		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 776660 DRWN: RSCHEIBER 2024/02/08 CHK'D: RSILLER 2024/02/09 APPR: RSILLER 2024/02/09				PRODUCT CUSTOMER DRAWING					
		ANGULAR TOL ± 1.0°													
DIVISIONAL SYMBOLS		4 PLACES		±		INITIAL REVISION: DRWN: SMORADICHARG 2016/07/21 APPR: RSILLER 2022/05/04				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
		3 PLACES		±						1205020012		PSD	000	A4	
		2 PLACES		± 0.05						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		1 PLACE		± 0.1											
		0 PLACES		± 0.5		SEE TABLE		GENERAL MARKET		1 OF 1					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES							

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