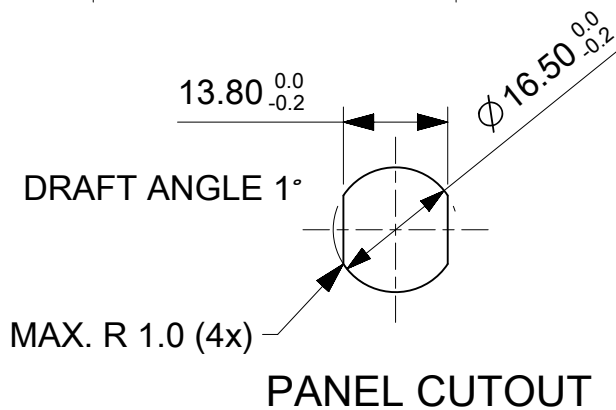
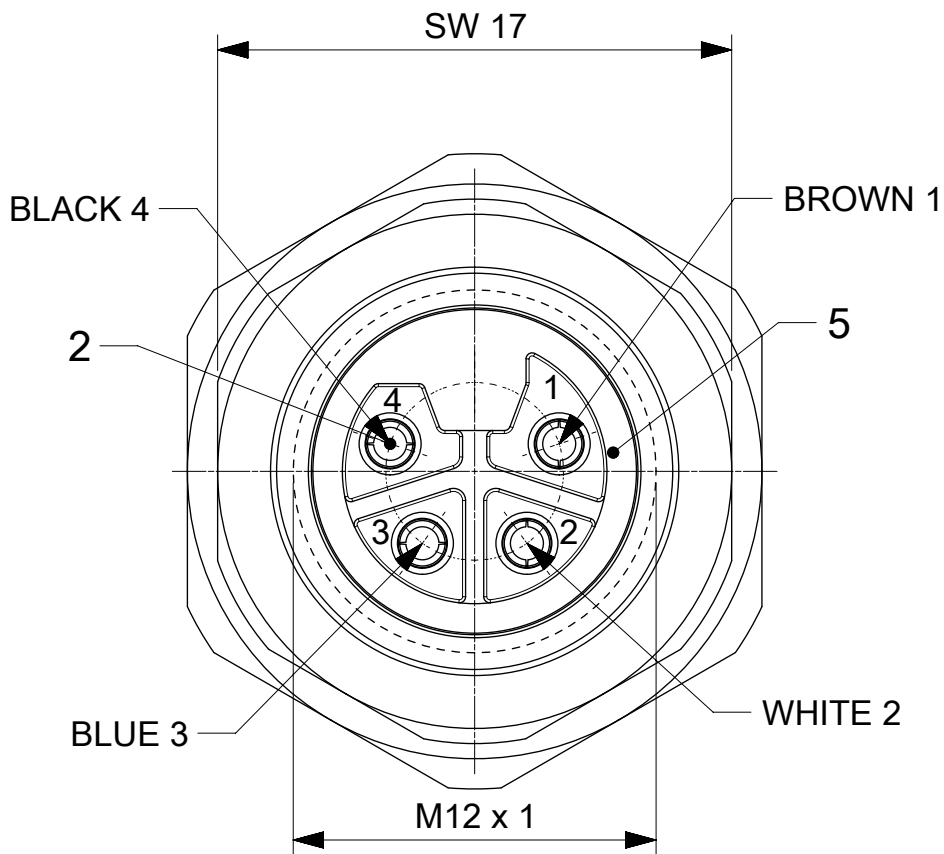


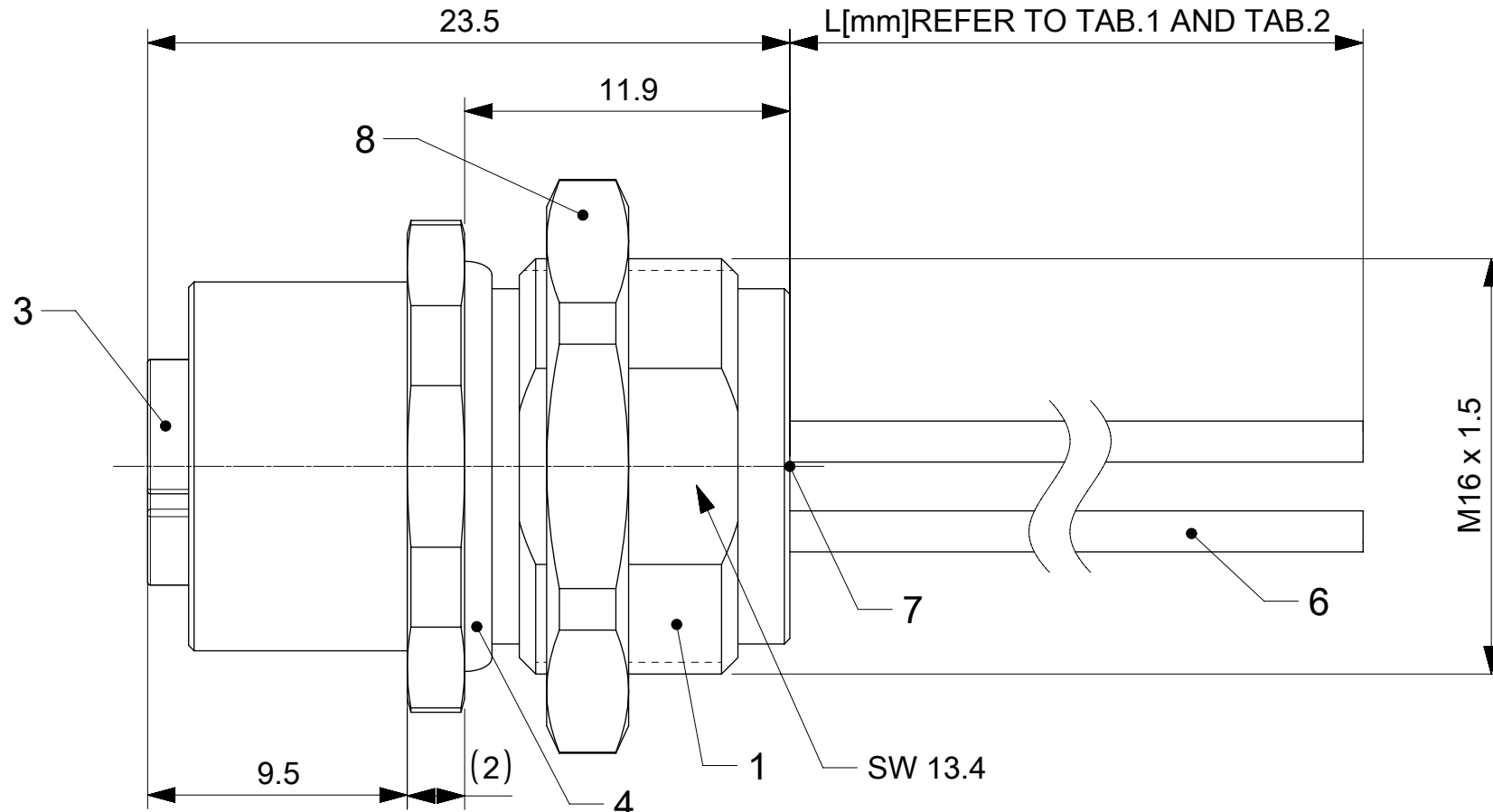


TECHNICAL DATA:

CONTACT ϕ : 1.5mm
RATED VOLTAGE: 63V AC/DC
RATED CURRENT: SEE TAB.1 / TAB.2
OVERVOLTAGE CATEGORIE: 3
POLLUTION DEGREE: 3
DIELECTRIC STRENGTH: 1500V
CONTACT RESITANCE: $\leq 5m\Omega$
INSULATION RESISTANCE: MIN: $10^8 \Omega$

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

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



A2

TABLE 1: CABLE LENGTH

NOMINAL SECTION 1,5mm²

MATERIAL NO.	ENG. NO.	Description	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020028	LRP4U20L15M005	REC M12 4P LC FE M16 FM 0.5M WIR 1.5	500	+40	12
1205020029	LRP4U20L15M002	REC M12 4P LC FE M16 FM 0.2M WIR 1.5	200	+40	12
1205020048	LRP4U20L15M010	REC M12 4P LC FE M16 FM 1.0M WIR 1.5	1000	+40	12
1205020049	LRP4U20L15M020	REC M12 4P LC FE M16 FM 2.0M WIR 1.5	2000	+60	12

A2

TABLE 2: CABLE LENGTH

NOMINAL SECTION 2,5mm²

MATERIAL NO.	ENG. NO.	Description	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020032	LRP4U20L25M005	REC M12 4P LC FE M16 FM 0.5M WIR 2.5	500	+40	16
1205020033	LRP4U20L25M002	REC M12 4P LC FE M16 FM 0.2M WIR 2.5	200	+40	16
1205020052	LRP4U20L25M010	REC M12 4P LC FE M16 FM 1.0M WIR 2.5	1000	+40	16
1205020053	LRP4U20L25M020	REC M12 4P LC FE M16 FM 2.0M WIR 2.5	2000	+60	16

TABLE 3: BOM			
POS	DESCRIPTION	MATERIAL	FINISH
1	SHELL M16FE	BRASS	Ni
2	CONTACT 15 FE	BRASS	Au
3	INSERT	PA	BLACK
4	O-RING	NBR	BLACK
5	O-RING	FPM	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		CURRENT REV DESC: UPDATED ENGINEERING KEY FOR L-CODE FEMALE RECEPTACLES FROM U24 TO U20 IN FGS'		molex	
	DIMENSION UNITS	SCALE				
$\nabla A = 0$	mm	4:1	GENERAL TOLERANCES (UNLESS SPECIFIED)		REC M12 4P LC FE M16 FM XM WIR	
$\nabla E = 0$						
$\nabla F = 0$	ANGULAR TOL	$\pm 1.0^\circ$	4 PLACES $\pm$		PRODUCT CUSTOMER DRAWING	
DIVISIONAL SYMBOLS	3 PLACES $\pm$		INITIAL REVISION:		DOCUMENT NUMBER	
	2 PLACES ± 0.05					
	1 PLACE ± 0.3		DRWN: NFRITZEN APPR: RSILLER		1205020028	
	0 PLACES ± 0.5					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			A3-SIZE	120502	SEE TABLE	GENERAL MARKET
						SHEET NUMBER
						1 OF 1