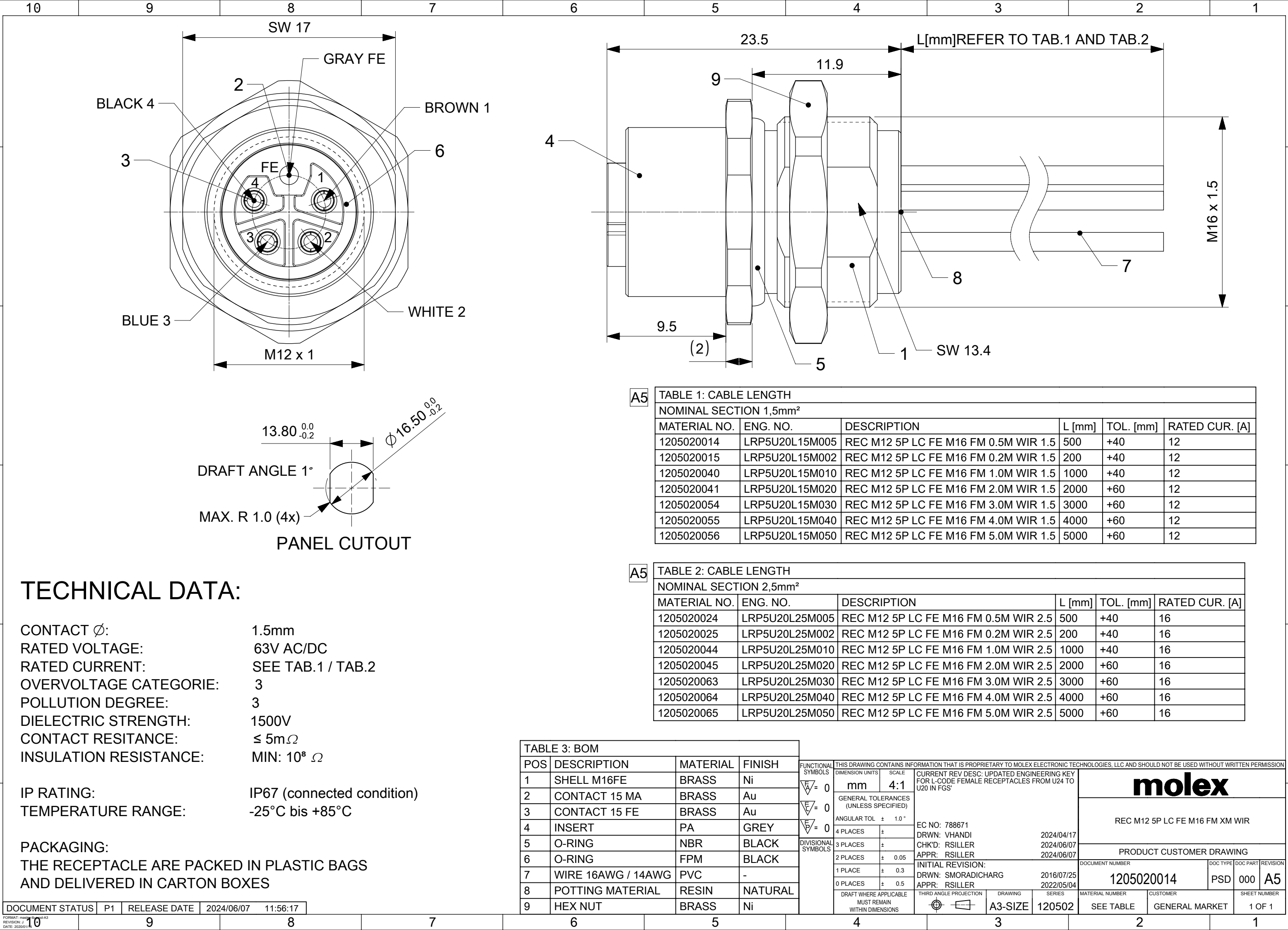




TECHNICAL DATA:

CONTACT Ø: 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: ≤ 5mΩ
INSULATION RESISTANCE: MIN: 10⁸ Ω

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

A5

TABLE 1: CABLE LENGTH						
NOMINAL SECTION 1,5mm²						
MATERIAL NO.	ENG. NO.	DESCRIPTION	L [mm]	TOL. [mm]	RATED CUR. [A]	
1205020014	LRP5U20L15M005	REC M12 5P LC FE M16 FM 0.5M WIR 1.5	500	+40	12	
1205020015	LRP5U20L15M002	REC M12 5P LC FE M16 FM 0.2M WIR 1.5	200	+40	12	
1205020040	LRP5U20L15M010	REC M12 5P LC FE M16 FM 1.0M WIR 1.5	1000	+40	12	
1205020041	LRP5U20L15M020	REC M12 5P LC FE M16 FM 2.0M WIR 1.5	2000	+60	12	
1205020054	LRP5U20L15M030	REC M12 5P LC FE M16 FM 3.0M WIR 1.5	3000	+60	12	
1205020055	LRP5U20L15M040	REC M12 5P LC FE M16 FM 4.0M WIR 1.5	4000	+60	12	
1205020056	LRP5U20L15M050	REC M12 5P LC FE M16 FM 5.0M WIR 1.5	5000	+60	12	

A5

TABLE 2: CABLE LENGTH						
NOMINAL SECTION 2,5mm²						
MATERIAL NO.	ENG. NO.	DESCRIPTION	L [mm]	TOL. [mm]	RATED CUR. [A]	
1205020024	LRP5U20L25M005	REC M12 5P LC FE M16 FM 0.5M WIR 2.5	500	+40	16	
1205020025	LRP5U20L25M002	REC M12 5P LC FE M16 FM 0.2M WIR 2.5	200	+40	16	
1205020044	LRP5U20L25M010	REC M12 5P LC FE M16 FM 1.0M WIR 2.5	1000	+40	16	
1205020045	LRP5U20L25M020	REC M12 5P LC FE M16 FM 2.0M WIR 2.5	2000	+60	16	
1205020063	LRP5U20L25M030	REC M12 5P LC FE M16 FM 3.0M WIR 2.5	3000	+60	16	
1205020064	LRP5U20L25M040	REC M12 5P LC FE M16 FM 4.0M WIR 2.5	4000	+60	16	
1205020065	LRP5U20L25M050	REC M12 5P LC FE M16 FM 5.0M WIR 2.5	5000	+60	16	

TABLE 3: BOM			
POS	DESCRIPTION	MATERIAL	FINISH
1	SHELL M16FE	BRASS	Ni
2	CONTACT 15 MA	BRASS	Au
3	CONTACT 15 FE	BRASS	Au
4	INSERT	PA	GREY
5	O-RING	NBR	BLACK
6	O-RING	FPM	BLACK
7	WIRE 16AWG / 14AWG	PVC	-
8	POTTING MATERIAL	RESIN	NATURAL
9	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								
	mm	4:1	GENERAL TOLERANCES (UNLESS SPECIFIED)				REC M12 5P LC FE M16 FM XM WIR			
	ANGULAR TOL	± 1.0 °	4 PLACES	±			PRODUCT CUSTOMER DRAWING			
DIVISIONAL SYMBOLS	3 PLACES	±					DOCUMENT NUMBER			
	2 PLACES	± 0.05								
	1 PLACE	± 0.3					1205020014			
	0 PLACES	± 0.5								
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