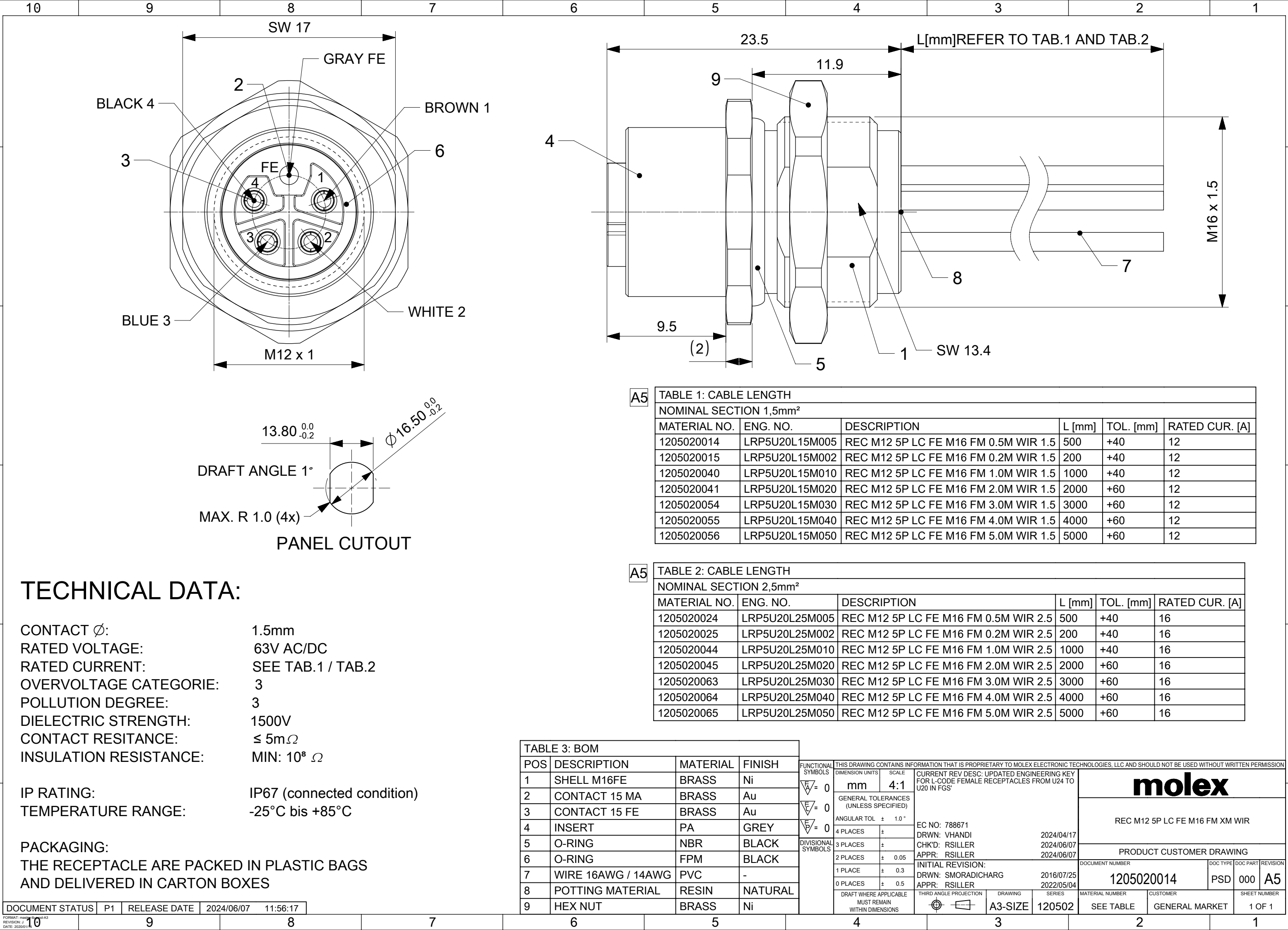




TECHNICAL DATA:

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

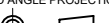
A5

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														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED ENGINEERING KEY FOR L-CODE FEMALE RECEPTACLES FROM U24 TO U20 IN FGS'			molex							
	mm		4:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)							REC M12 5P LC FE M16 FM XM WIR							
	ANGULAR TOL ± 1.0 °														
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.05		PRODUCT CUSTOMER DRAWING										
	1 PLACE		± 0.3												
	0 PLACES		± 0.5												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				A3-SIZE		120502		1205020014		PSD		000		A5	