



PANEL CUTOUT

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

TABLE 1: CABLE LENGTH

NOMINAL SECTION 1,5mm²

MATERIAL NO.	ENG. NO.	DESCRIPTION	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020014	LRP5U24L15M005	REC M12 5P LC FE M16 FM 0.5M WIR 1.5	500	+40	12
1205020015	LRP5U24L15M002	REC M12 5P LC FE M16 FM 0.2M WIR 1.5	200	+40	12
1205020040	LRP5U24L15M010	REC M12 5P LC FE M16 FM 1.0M WIR 1.5	1000	+40	12
1205020041	LRP5U24L15M020	REC M12 5P LC FE M16 FM 2.0M WIR 1.5	2000	+60	12

TABLE 2: CABLE LENGTH

NOMINAL SECTION 2,5mm²

MATERIAL NO.	ENG. NO.	DESCRIPTION	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020024	LRP5U24L25M005	REC M12 5P LC FE M16 FM 0.5M WIR 2.5	500	+40	16
1205020025	LRP5U24L25M002	REC M12 5P LC FE M16 FM 0.2M WIR 2.5	200	+40	16
1205020044	LRP5U24L25M010	REC M12 5P LC FE M16 FM 1.0M WIR 2.5	1000	+40	16
1205020045	LRP5U24L25M020	REC M12 5P 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 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:		molex
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE: 4:1	GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL $\pm 1.0^\circ$	4 PLACES \pm	EC NO: 735108	2022/05/04	REC M12 5P LC FE M16 FM XM WIR	
3 PLACES \pm	2 PLACES ± 0.05	DRWN: NFRITZEN	2023/01/17	PRODUCT CUSTOMER DRAWING	
1 PLACE ± 0.3	0 PLACES ± 0.5	CHK'D: RSILLER	2023/01/17	DOCUMENT NUMBER: 1205020014	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION:	2016/07/25	DOC TYPE: PSD	DOC PART: 000
THIRD ANGLE PROJECTION		DRWN: SMORADICHARG	2022/05/04	REVISION: A1	SHEET NUMBER: 1 OF 1
DRAWING: A3-SIZE		SERIES: 120502	MATERIAL NUMBER: SEE TABLE	CUSTOMER: GENERAL MARKET	