



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

TABLE 1: CABLE LENGTH

NOMINAL SECTION 1,5mm ²					
MATERIAL NO.	ENG. NO.	Description	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020028	LRP4U24L15M005	REC M12 4P LC FE M16 FM 0.5M WIR 1.5	500	+40	12
1205020029	LRP4U24L15M002	REC M12 4P LC FE M16 FM 0.2M WIR 1.5	200	+40	12
1205020048	LRP4U24L15M010	REC M12 4P LC FE M16 FM 1.0M WIR 1.5	1000	+40	12
1205020049	LRP4U24L15M020	REC M12 4P LC FE M16 FM 2.0M WIR 1.5	2000	+60	12

TABLE 2: CABLE LENGTH

NOMINAL SECTION 2,5mm ²					
MATERIAL NO.	ENG. NO.	Description	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020032	LRP4U24L25M005	REC M12 4P LC FE M16 FM 0.5M WIR 2.5	500	+40	16
1205020033	LRP4U24L25M002	REC M12 4P LC FE M16 FM 0.2M WIR 2.5	200	+40	16
1205020052	LRP4U24L25M010	REC M12 4P LC FE M16 FM 1.0M WIR 2.5	1000	+40	16
1205020053	LRP4U24L25M020	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:		molex
	DIMENSION UNITS: mm SCALE: 4:1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	EC NO: 735108 DRWN: NFRITZEN 2022/05/04 CHK'D: RSILLER 2023/01/17 APPR: RSILLER 2023/01/17 INITIAL REVISION: DRWN: NFRITZEN 2021/07/08 APPR: RSILLER 2022/05/04		
DIVISIONAL SYMBOLS	THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 120502	MATERIAL NUMBER: SEE TABLE
		CUSTOMER: GENERAL MARKET	SHEET NUMBER: 1 OF 1	