



PANEL CUTOUT

TECHNICAL DATA:

CONTACT Ø: 1.5mm
 RATED VOLTAGE: 63V AC/DC
 RATED CURRENT: SEE TAB.1 AND 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 TO +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]
1205020012	LRP5U26L15M005	REC M12 5P LC MA M16 FM 0.5M WIR 1.5	500	+40	12
1205020013	LRP5U26L15M002	REC M12 5P LC MA M16 FM 0.2M WIR 1.5	200	+40	12
1205020038	LRP5U26L15M010	REC M12 5P LC MA M16 FM 1.0M WIR 1.5	1000	+40	12
1205020039	LRP5U26L15M020	REC M12 5P LC MA 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]
1205020022	LRP5U26L25M005	REC M12 5P LC MA M16 FM 0.5M WIR 2.5	500	+40	16
1205020023	LRP5U26L25M002	REC M12 5P LC MA M16 FM 0.2M WIR 2.5	200	+40	16
1205020042	LRP5U26L25M010	REC M12 5P LC MA M16 FM 1.0M WIR 2.5	1000	+40	16
1205020043	LRP5U26L25M020	REC M12 5P LC MA M16 FM 2.0M WIR 2.5	2000	+60	16

TABLE 3: BOM

POS	DESCRIPTION	MATERIAL	FINISH
1	SHELL M16MA	BRASS	Ni
2	CONTACT 15 MA	BRASS	Au
3	CONTACT 15 FE	BRASS	Au
4	INSERT	PA	GREY
5	O-RING	NBR	BLACK
6	WIRE 16AWG / 14AWG	PVC	-
7	POTTING MATERIAL	RESIN	NATURAL
8	HEX NUT	BRASS	Ni

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FUNCTIONAL SYMBOLS: $\sqrt{A} = 0$, $\sqrt{E} = 0$, $\sqrt{V} = 0$

DIMENSION UNITS: mm

SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED):

ANGULAR TOL ± 1.0°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.1

0 PLACES ± 0.5

DIVISIONAL SYMBOLS: DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE

SERIES: 120502

MATERIAL NUMBER: SEE TABLE

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 1

CURRENT REV DESC:

EC NO: 735108

DRWN: NFRITZEN

CHK'D: RSILLER

APPR: RSILLER

INITIAL REVISION:

DRWN: SMORADICHARG

APPR: RSILLER

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REC M12 5P LC MA M16 FM XM WIR

PRODUCT CUSTOMER DRAWING