



NOTES:

ELECTRICAL DATA:  
VOLTAGE RATING: 250V  
AMPERAGE RATING: 4A  
INSULATION RESISTANCE: 10<sup>8</sup> Ω MIN.  
MATING CYCLES: MIN. 100

ENVIRONMENTAL:  
PROTECTION: IP67  
OPERATING TEMPERATURE: -50°C TO +105°C

TABLE OF LENGHT TOLERANCES

OVER	UP TO AND INCLUDING	TOLERANCE
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF LENGTH

PART LIST

MOLEX PN	ENGINEERING PN	L [mm]
1200675127	8042P1P82M030	3000
1200675128	8042P1P82M050	5000
1200675129	8042P1P82M075	7500
1200675130	8042P1P82M100	10000

BOM

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
7	1	MMC-PNP 3-LED PCB-ROHS	-	-
6	1	GASKET 7.1x1.35	FPM	RED
5	1	COUPLING NUT FE	BRASS	NICKEL PLATED
4	4	CONTACT 10 FE	BRONZE	GOLD OVER NICKEL PLATED
3	1	INSERT M12 FE 4P	TPU	BLACK
2	-	MOULDING MATERIAL	TPU	TRANSPARENT
1	-	CABLE 4x34 O.D. 5.1±0.2	PUR	ORANGE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS:  $\nabla_A = 0$ ,  $\nabla_E = 0$ ,  $\nabla_V = 0$

DIVISIONAL SYMBOLS: 4 PLACES ±, 3 PLACES ±, 2 PLACES ± 0.05, 1 PLACE ± 0.3, 0 PLACES ± 0.5

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SCALE: 3:2

GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0°

CURRENT REV DESC:

EC NO: 685149  
DRWN: RSCHIEBER 2021/01/11  
CHK'D: RSILLER 2021/11/16  
APPR: RSILLER 2021/11/16

INITIAL REVISION:  
DRWN: RSCHIEBER 2021/01/11  
APPR: RSILLER 2021/11/16

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE  
SERIES: 120067

MATERIAL NUMBER: SEE PART LIST  
CUSTOMER: GENERAL MARKET

**molex**

CSE M12 4P AC FE BRA 3LED RA PUR 4/34 XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1200675127  
DOC TYPE: PSD  
DOC PART: 000  
REVISION: A

SHEET NUMBER: 1 OF 1