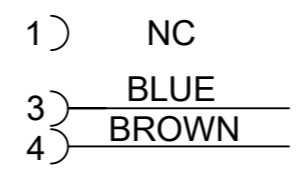


WIRING DIAGRAM



BILL OF MATERIAL

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH / COLOR
1	-	CABLE	TPU	GRAY
2	-	OVERMOULD	TPU	BLACK
3	1	GASKET	FPM	RED
4	1	M12 FEMALE INSERT	TPU	BLACK
5	1	M12 COUPLING NUT	BRASS	Ni-PLATED
6	3	FEMALE CONTACT	BRONZE	SELECTIVE GOLD NICKEL OVER
7	-	WRAP LABEL	VINYL	YELLOW

NOTES:

- 1) VOLTAGE RATING: 250 V AC / DC
- 2) CURRENT RATING: 4 A
- 3) TEMPERATURE RATING: -25°C / +80°C
- 4) IP RATING: IP 67 (IN MATED AND LOCKED CONDITION)
- 5) PACKAGING: EACH CORDSET PACKED IN A POLYBAG

PART NUMBERS

MOLEX PN	L [mm]	DESCRIPTION
1200657199	1000	M12 Single End 2 Pin F ST RSCD-2WY 1M
1200657200	2000	M12 Single End 2 Pin F ST RSCD-2WY 2M
1200657201	3000	M12 Single End 2 Pin F ST RSCD-2WY 3M
1200657202	5000	M12 Single End 2 Pin F ST RSCD-2WY 5M
1200657203	10000	M12 Single End 2 Pin F ST RSCD-2WY 10M

CABLE LENGTH TOLERANCES

LENGTH	TOLERANCE
0 m-1 m	+40 mm
>1 m-5 m	+60 mm
>5 m-10 m	+80 mm
>10 m-20 m	+140 mm
>20 m-30 m	+160 mm
>30 m	+1% length

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FV = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC:		 M12 SINGLE END 2 PIN F ST RSCD-2WY XM
	DIMENSION UNITS: mm	SCALE: 2:1	EC NO: 669875	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	4 PLACES ±	DRWN: FDAFERNER 2021/07/12	PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 1200657199 DOC TYPE: PSD DOC PART: 000 REVISION: A
	ANGULAR TOL ± 1.0°	3 PLACES ±	CHK'D: RSILLER 2021/07/12	
	2 PLACES ± 0.05	2 PLACES ± 0.05	APPR: RSILLER 2021/07/12	INITIAL REVISION: DRWN: FDAFERNER 2021/05/31 APPR: RSILLER 2021/07/12
	1 PLACE ± 0.3	1 PLACE ± 0.3		
	0 PLACES ± 0.5	0 PLACES ± 0.5		MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 1
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 120065