TABLE 1

MOLEX PN	Engineering No.	L [mm]
1200659575	BG20967-M030	3000
1200659576	BG20967-M050	5000
1200659579	BG20967-M100	10000

Table of length tolerances		
Over	Up to and including	Tolerancja (+)
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

CABLE SPECIFICATION:

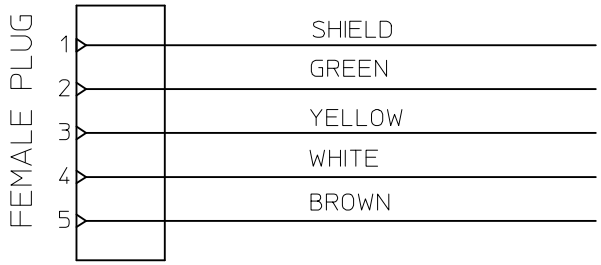
CONDUCTOR:
- MATERIAL: TIN COPPER
- STRANDING: 19X0.19mm n°xmm
- INSULATION COMPOUND: XLPE
- INSULATION DIAMETER:
  - 1.6mm YELLOW&GREEN
  - 2.5mm BROWN&WHITE

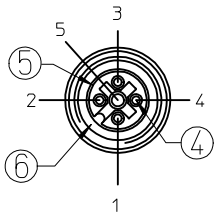
OUTER JACKET:
- COMPOUND: PUR
- COLOUR: VIOLET SIMILAR
- DIAMETER: 6.7±0.3mm

TEMPERATURE RANGE:
- STATIC: -50°C TO +80°C
- FLEXING: -40°C TO +90°C

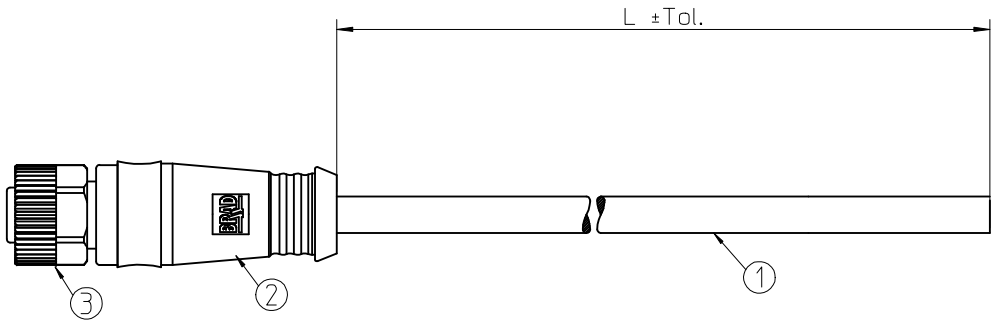
VOLTAGE RATING: 300V

WIRING DIAGRAM





VIEW FROM THE FRONT SIDE



Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
6	1	GASKET OR FPM 7.1X1.35 RD 60 M12	FPM	RED
5	1	INSERT M12 AC FEMALE 5P	PUR	BLACK
4	4	CONTACT FEMALE M12	CuNi2Si	GOLD OVER NICKEL
3	1	NUT M12 FEMALE	BRASS	CuNi3
2	-	MOLDING NATURAL	TPU	BLACK
1	-	CABLE 2x0.50+2x0.50	PUR	VIOLET

CHANGE NUT TO KNU/HEX
EC NO: IPG2015-1802 2015/04/28
DRWN:MMAJGAT 2015/04/28
CH'KD:JMARSZALEK 2015/06/12
APPR:MIWASIECZKO
DESCRIPTION
REV
A1

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MMAJGAT DATE: 2014/12/18
CHECKED BY: WSTRASZKIEWI DATE: 2014/12/18
APPROVED BY: MIWASIECZKO DATE: 2015/01/22

TITLE: CSE M12 AC FE STR CAN XM

molex

MATERIAL NO.: SEE TABLE 1
DOCUMENT NO.: SD-120065-057
SHEET NO.: 1 OF 1
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

Downloaded from Arrow.com.