

CABLE SPECIFICATION:

OUTER DIAMETER: 7.8±0.3 mm

TEMPERATURE RANGE STATIC: -40 TO +90 °C (3000h)

TEMPERATURE RANGE DYNAMIC: -25 TO +80 °C

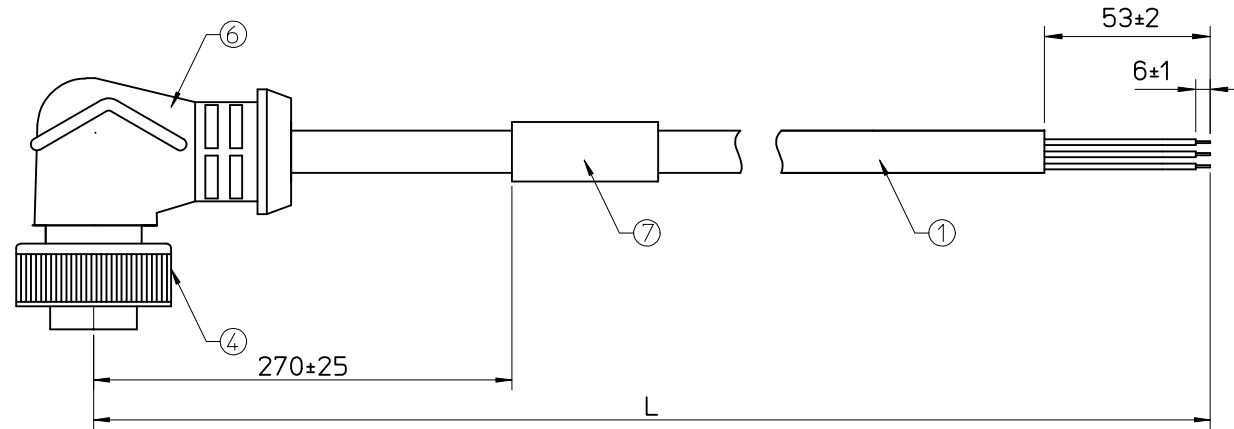
OMOLOGATION: UL STYLE 21215 + CSA ; RATING 80°C 600V

VOLTAGE RATING: 1000 V (450/750)

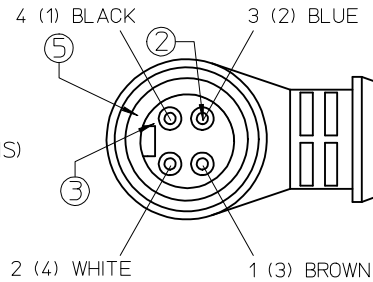
UV RESISTANT: YES (UL1581/2556- 300h)

CHART 1

MOLEX PN	ENGINEERING PN	L [mm]
1300068183	104001B48M020	2000 +89
1300068184	104001B48M050	5000 +165
1300068185	104001B48M100	10000 +317
1300068186	104001B48M300	30000 +622



CENELEC PIN-OUT
(SAE PIN-OUT IN PARANTHESIS)



FRONT SIDE VIEW

Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	1	LABEL	-	-
6	-	OVERMOULD	TPU	BLACK
5	1	FRICTION RING - A SIZE	NYLON	-
4	1	M16 COUPLING NUT (A-SIZE)	ZINC ALLOY	BLACK
3	1	4P FEMALE INSERT A-SIZE	PUR	BLACK
2	4	FEMALE CONTACT	COPPER ALLOY	GOLD
1	-	CABLE 4x1.5mm²	TPU	GRAY

MATERIAL DESCRIPTION CHANGED EC NO: IPG2015-0438 DRWN:FGAIK 2014/09/08 CHKD:JMARSZALEK 2014/09/08 APPR:MIWASIECZKO 2014/09/09 B1	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.05 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± 0.5 ± --- ANGULAR ± 1 °	DIMENSION STYLE MM ONLY DRAWN BY: FGAIK DATE: 2014/04/29 CHECKED BY: JMARSZALEK DATE: 2014/04/29 APPROVED BY: MIWASIECZKO DATE: 2014/06/16 MATERIAL NO. SEE CHART 1	SCALE: --- DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: MC-4P-FP-XM-90D-PUR DOCUMENT NO. SD-130006-053 SHEET NO. 1 OF 1	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			SIZE: A3			

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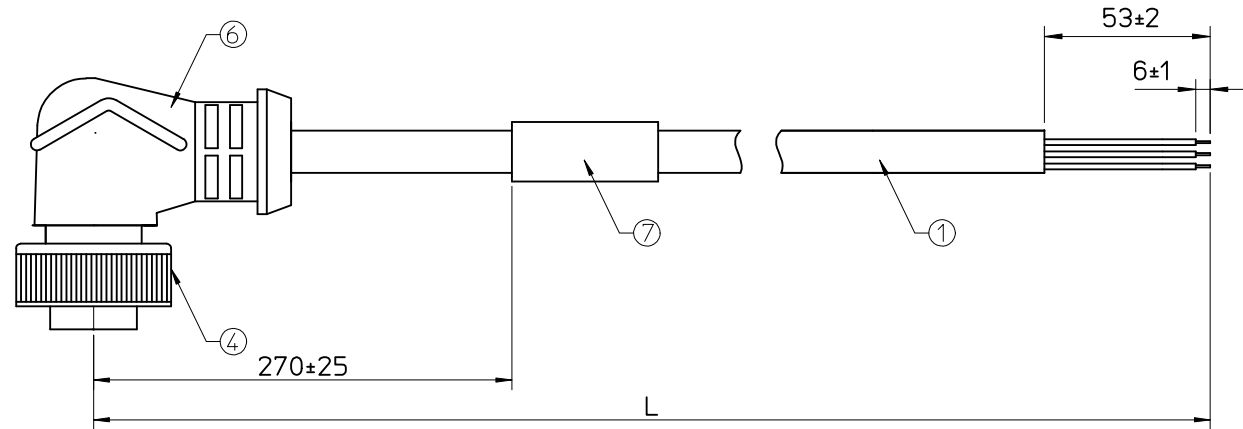
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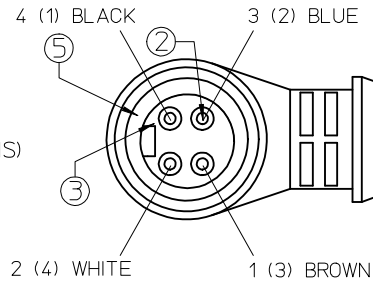
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		mm	INCH	MM ONLY	---	METRIC	⊙ □
B1	REV	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE MC-4P-FP-XM-90D-PUR
		3 PLACES	± ---	± ---	FGAIK	2014/04/29	
		2 PLACES	± 0.05	± ---	CHECKED BY	DATE	
		1 PLACE	± 0.3	± ---	JMARSZALEK	2014/04/29	
		0 PLACE	± 0.5	± ---	APPROVED BY	DATE	
		ANGULAR ± 1 °		MATERIAL NO.	DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART 1	SD-130006-053		1 OF 1
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		