



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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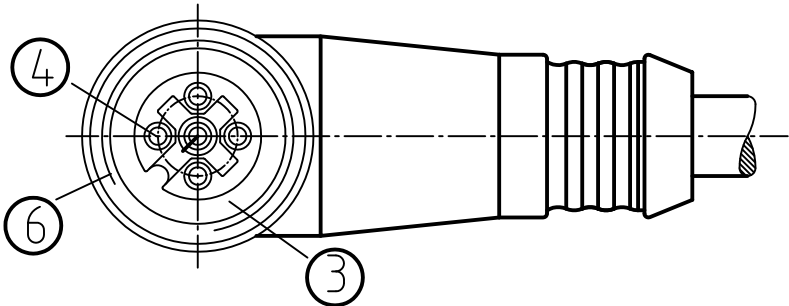
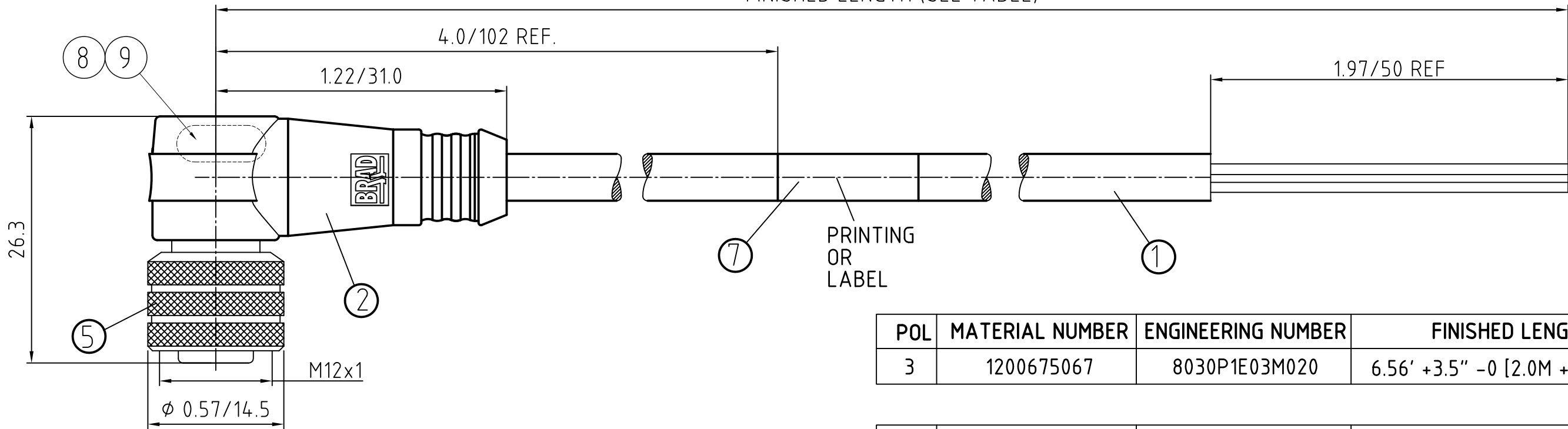
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FINISHED LENGTH (SEE TABLE)

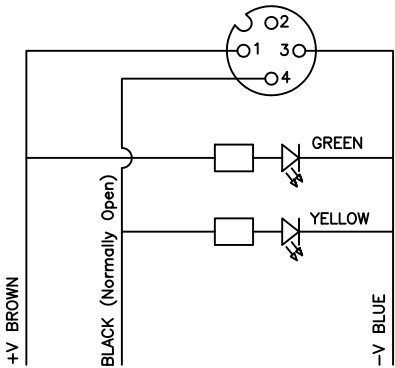


CONNECTOR SPECIFICATION:

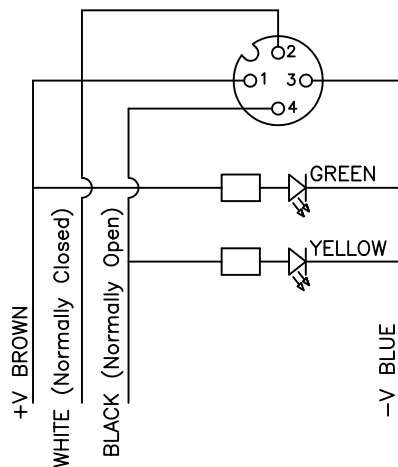
VOLTAGE RATING	10 TO 30VDC
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	FLEXING: -5°C TO +80°C STATIC: -30°C TO +80°C

ITEM	COMPONENT	MATERIAL	FINISH
9	LED		GREEN
8	LED		YELLOW
7	LABLE	MYLAR	BLACK/YELLOW
6	O-RING	VITON	RED
5	COUPLER	BRASS	NICKEL PLATED
4	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	PUR	BLACK
2	OVERMOLD	POLYURETHANE (PUR)	TRANSP.
1	CABLE- 22/3-5 (COPPER STRANDING) 3/4/5 CONDUCT. 300V	JACKET: PUR	BLACK

3-POLE



4-POLE



FEMALE FACE VIEW	FEMALE FACE VIEW
3-POLE	4-POLE
WIRING DIAGRAM	WIRING DIAGRAM
1 BROWN 2 NOT USED 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK

DESCRIPTION EC NO: WEU2010-0318 DRWN:BBRAUCH 2010/02/03 CHKD: NS APPR: NSTAUDIG 2010/02/05	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY BBRAUCH	DATE 2010/02/03	MMC 3/4POL FE 90 PNP 22/4 BLACK PUR CABLE ----					
		 = 0  = 0	4 PLACES	±---	±---	CHECKED BY NS	DATE 2010/02/04				MOLEX INCORPORATED		
			3 PLACES	±---	±---	APPROVED BY	DATE						
			2 PLACES	±---	±0.1	NSTAUDIG	2010/02/04	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
			1 PLACE	±0.3	±---	SEE TABLE		SD-120067-017	1 OF 1				
		ANGULAR ± --- °			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3										

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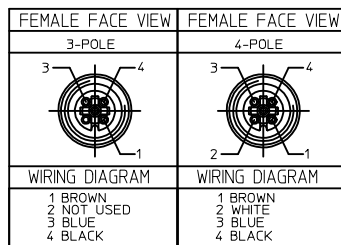
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3-POLE

4-POLE



PART No MATRIX

8	0	X	0	P	1	X	X	X	M	X	X	X	X
8-Micro Change	0-Portable Change	3+3 Core 4-4 Core	P1 = PNP female 90°			CABLE TYPES			M-Metres F-Feet	LENGTH 020-2 METRES 050-5 METRES 200-20 METRES		OPTIONS	
E02 = 0,25mm², PVC black E03 = 0,34mm², PVC black E13 = 0,75mm², PVC yellow E52 = 0,34mm², PVC grey (RAL7001) E57 = 0,34mm², PVC grey (RAL7001) H09 = 0,34mm², PUR black H69 = 0,2mm², PUR grey LSOH SCR I02 = 0,25mm², PVC grey CEI I03 = 0,34mm², PVC grey CEI I20 = 0,34mm², PVC grey CEI SCR DC I26 = 0,34mm², PVC grey CEI SCR AC P02 = 0,25mm², PUR/PVC black P03 = 0,34mm², PUR/PVC black P08 = 0,25mm², PUR yellow HIFLEX P20 = 0,34mm², PUR black LSOH braid P82 = 0,34mm², PUR orange irradiated DC S20 = 0,34mm², PVC yellow SJTO braid S26 = 0,34mm², PVC yellow SJTO braid AC												COUPLING NUT blank and 3-standard (BRASS) 1 - STAINLESS STEEL 5 - DELRIN 7 - TEFLON COAT H-ID CARRIER	

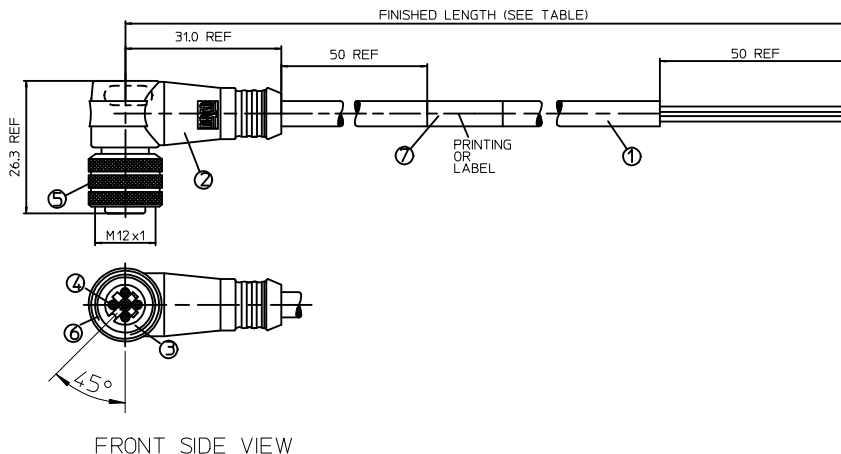
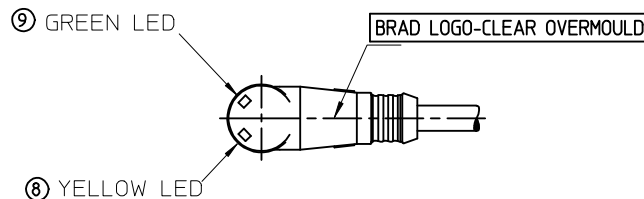


Table of lenght tolerances		
Over	Up to and including	Tolerance (+)
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% of lenght

CONNECTOR SPECIFICATION:

VOLTAGE RATING	10 TO 30VDC
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	FLEXING: -5°C TO +90°C STATIC: -30°C TO +90°C

ITEM	COMPONENT	MATERIAL	FINISH
9	LED		GREEN
8	LED		YELLOW
7	LABEL	---	---
6	O-RING	VITON	RED
5	COUPLER	---	---
4	PIN CONTACT	COPPER ALLOY	---
3	INSERT	PUR	BLACK
2	OVERMOLD	PUR	NATURAL
1	CABLE	SEE TABLE	BLACK

ORIGINAL RELEASE EC NO: IPG2013-1021 DRWN:HWALCZAK 2012/11/24 CHKD:JMARSZALEK 2013/01/14 APPR:MIWASIECZKO 2013/01/15	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	
		4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	mm	INCH	DRAWN BY HWALCZAK	DATE 2012/11/24	TITLE CSE M12 PNP XP AC FE RA XM SE		
					CHECKED BY JMARSZALEK	DATE 2013/01/14			
					APPROVED BY	DATE			
					MIWASIECZKO	2013/01/15			
ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-120067-035		1 OF 2			
A		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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Rev E1 2012/01/25