

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1200660403](#)  
**Status:** **Active**  
**Overview:** [microchange m12 connectors](#)  
**Description:** Micro-Change® (M12) Double-Ended Cordset, Female to Male, Straight to 90°, 4 Poles, Length 4.0m (13.12' ), TPE Cable

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR6837  
 UL E152210

**General**

Product Family Industrial Cordsets  
 Series [120066](#)  
 Connector End A Micro-Change® (M12)  
 Connector End B Micro-Change® (M12)  
 IP Rating IP67  
 NEMA Rating NEMA 6  
 Overview [microchange m12 connectors](#)  
 Product Name Micro-Change® (M12)  
 Type Double Ended

**Physical**

Cable Diameter 5.33mm (.210")  
 Cable Length 4.0m (13.12' )  
 Color - Cable Jacket Yellow  
 Coupling Style Threaded  
 Gender Female-Male  
 Keyway Single  
 LED Indicator No  
 Material - Cable Jacket TPE  
 Material - Connector Body TPE  
 Material - Contact Copper  
 Material - Coupling Nut Nickel-plated Brass  
 Material - O-Ring Viton  
 Material - Plating Mating Gold over Nickel  
 Orientation Straight to 90°  
 Poles 4  
 Temperature Range - Operating -20°C to +105°C  
 Wire Size AWG 22  
 Wire/Cable Type UL 2464

**Electrical**

Current - Maximum per Contact 4A  
 Voltage - Maximum 250V AC/DC

**Material Info**

Old Part Number 884032K05M030

**Reference - Drawing Numbers**

Sales Drawing SD-120066-025

**EU RoHS**

**ELV and RoHS  
 Compliant  
 REACH SVHC  
 Not Reviewed  
 Halogen-Free  
 Status**

**China RoHS**



**Not Reviewed**

**Need more information on product environmental compliance?**

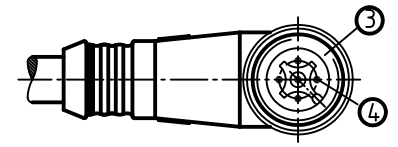
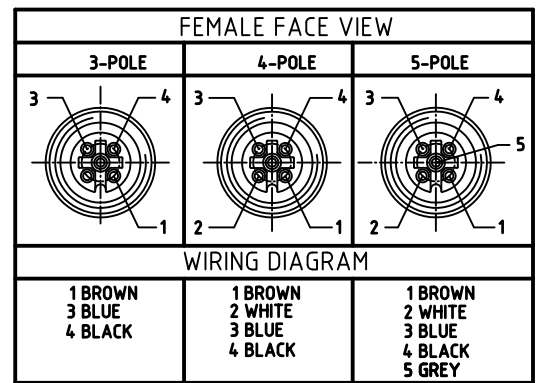
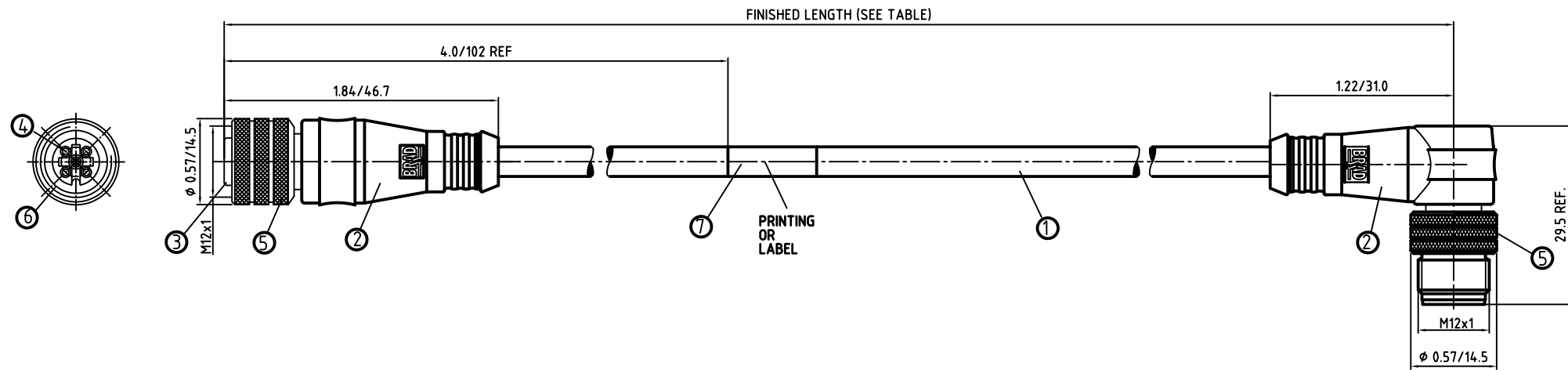
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[120066Series](#)

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**CONNECTOR SPECIFICATION:**

VOLTAGE RATING	250 VAC/VDC
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 105°C

ITEM	COMPONENT	MATERIAL	FINISH
7	LABLE	MYLAR	BLACK/YELLOW
6	O-RING	VITON	RED
5	COUPLER	BRASS	NICKEL PLATED
4	SOCKET/PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	NYLON	BLACK
2	OVERMOLD	TPE	YELLOW
1	CABLE- 22/3-5 (COPPER STRANDING) 3/4/5 CONDUCT. 300V	TPE JACKET	YELLOW

DESCRIPTION EC NO: WEU2010-0317 DRWN: LSTEMMLE 2010/02/01 CHK'D: NS APPR: FPACHER 2010/02/03 REV 1	QUALITY SYMBOLS ▽ = 0 ▽/C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±.01</td> </tr> <tr> <td>1 PLACE</td> <td>±0.3</td> <td>±---</td> </tr> <tr> <td colspan="3">ANGULAR ± --- °</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±.01	1 PLACE	±0.3	±---	ANGULAR ± --- °			DIMENSION STYLE <b>IN/MM</b> DRAWN BY DATE LSTEMMLE 2010/02/01 CHECKED BY DATE RE 2010/02/02 APPROVED BY DATE FPACHER 2010/02/03 MATERIAL NO. SEE TABLE SHEET 2	SCALE <b>2:1</b> DESIGN UNITS <b>METRIC</b> 	<b>MICRO-CHANGE CORDSET</b> <b>3/4/5 P. FE STR/ MA 90</b> <b>22/3-5 YELLOW TPE CABLE</b> <b>MOLEX INCORPORATED</b> DOCUMENT NO. SD-120066-025 SHEET NO. 1 OF 1
		mm	INCH																				
	4 PLACES	±---	±---																				
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ANGULAR ± --- °																							
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																					

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
3	1200660230	883032K05M008	0.8M +44.5 -0 [2.62' +1.75" -0]
3	1200660231	883032K05M010	1.0M +55.6 -0 [3.27' +2.19" -0]
3	1200660232	883032K05M020	2.0M +88.9 -0 [6.56' +3.50" -0]
3	1200660233	883032K05M040	4.0M +165.1 -0 [13.12' +6.50" -0]
3	1200660234	883032K05M050	5.0M +165.1 -0 [16.40' +6.50" -0]

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
4	1200660397	884032K05M003	0.3M +44.5 -0 [0.98' +1.75" -0]
4	1200660398	884032K05M005	0.5M +44.5 -0 [1.64' +1.75" -0]
4	1200660399	884032K05M006	0.6M +44.5 -0 [1.97' +1.75" -0]
4	1200660400	884032K05M010	1.0M +55.6 -0 [3.27' +2.19" -0]
4	1200660400	884032K05M015	1.5M +55.6 -0 [4.91' +2.19" -0]
4	1200660401	884032K05M020	2.0M +88.9 -0 [6.56' +3.50" -0]
4	1200660402	884032K05M030	3.0M +88.9 -0 [9.84' +3.50" -0]
4	1200660403	884032K05M040	4.0M +165.1 -0 [13.12' +6.50" -0]
4	1200660404	884032K05M050	5.0M +165.1 -0 [16.40' +6.50" -0]
4	1200660405	884032K05M060	6.0M +165.1 -0 [19.69' +6.50" -0]

DESCRIPTION EC NO: WEU2010-0317 DRWN: LSTEMMLE 2010/02/01 CH'KD: NS APPR: FPACHER 2010/02/03 REV 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
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	1 PLACE ±0.3	±---	RE 2010/02/02					
	ANGULAR ± --- °		APPROVED BY DATE		DOCUMENT NO.		SHEET NO.	
			FPACHER 2010/02/03		SD-120066-025		1 OF 1	
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