

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1200661265](#)
Status: **Active**
Overview: [microchange_m12_connectors](#)
Description: Micro-Change® (M12) 4 Pole, Female (90°) to Male (Straight) Cordset, 4-22 AWG PVC Cable, 2.0M (6.56')

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 IP68
NEMA Rating NEMA 6
Overview [microchange_m12_connectors](#)
Product Name Micro-Change® (M12)
Type Double Ended

Physical

Cable Diameter 5.08mm (.200")
Cable Length 2.0m (6.56')
Color - Cable Jacket Yellow
Coupling Style Threaded
Gender Female-Male
Keyway Single
LED Indicator No
Material - Cable Jacket PVC
Material - Connector Body PUR
Material - Contact Copper
Material - Coupling Nut Nickel-plated Brass
Material - O-Ring Viton
Material - Plating Mating Gold over Nickel
Orientation 90° to Straight
Poles 4
Temperature Range - Operating -20°C to +105°C
Wire Size AWG 22
Wire/Cable Type UL 2661

Electrical

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

Material Info

Old Part Number 884031A09M020

Reference - Drawing Numbers

Sales Drawing SD-120066-013

EU RoHS

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

China RoHS



Not Reviewed

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

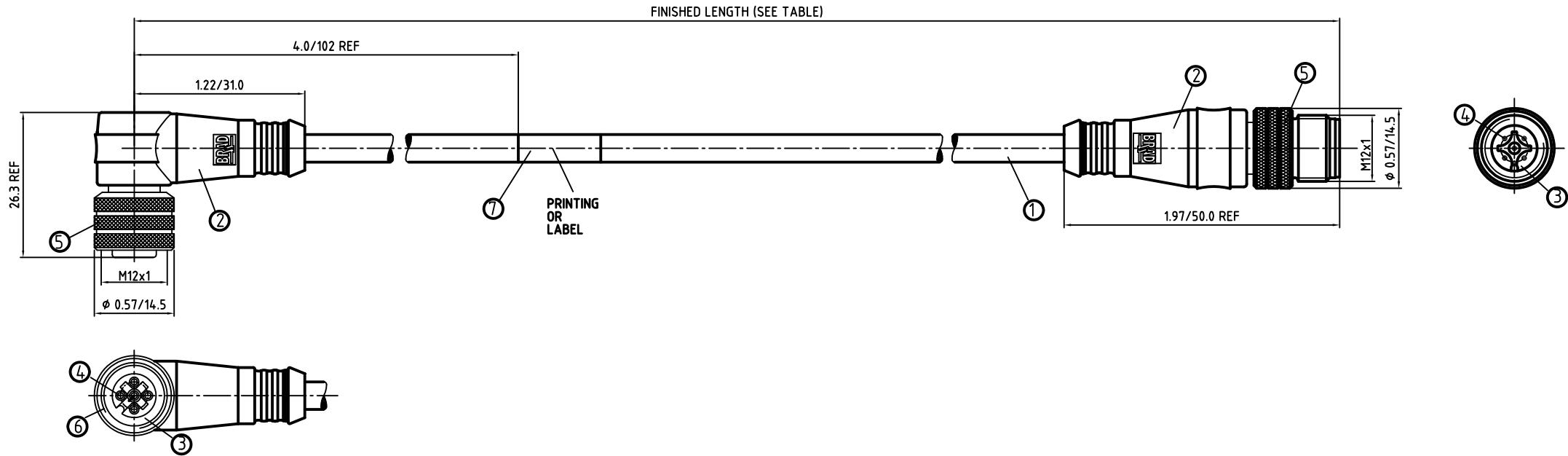
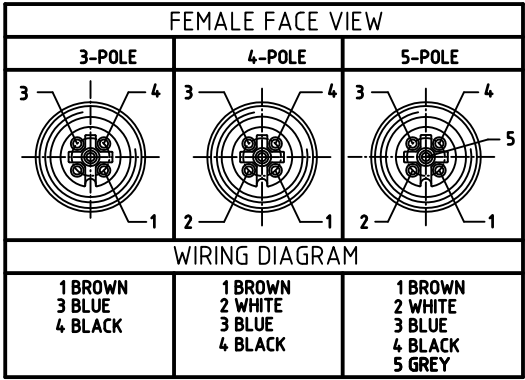
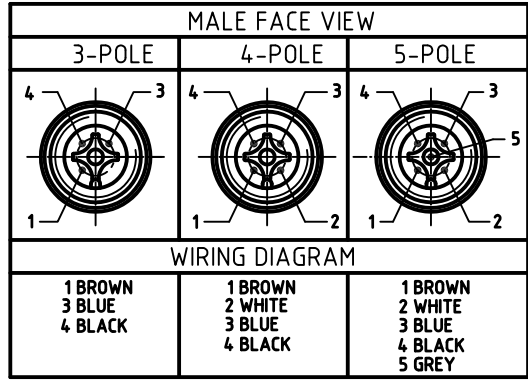
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

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

Search Parts in this Series

[120066Series](#)

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



CONNECTOR SPECIFICATION:

VOLTAGE RATING	250 VAC/VDC
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 105°C
UL CERTIFICATIONS	UL RECOGNIZED, FILE NO. E152210
ASSEMBLY IS	RoHS COMPLIANT

ITEM	COMPONENT	MATERIAL	FINISH
6	LABLE	MYLAR	BLACK/YELLOW
5	COUPLER	BRASS	NICKEL PLATED
4	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	NYLON	BLACK
2	OVERMOLD	POLYURETHANE (PUR)	YELLOW
1	CABLE- 22/3-5 (COPPER STRANDING) 3/4/5 CONDUCT. 300V	JACKET: PVC	JACKET: YELLOW

DESCRIPTION EC NO: WEU2010-0288 DRWN: LSTEMMLE 2010/01/25 CHKD: NS APPR: NSTAUDIG 2010/01/29	QUALITY SYMBOLS <div>▽ = 0</div> <div>▽C = 0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				DRAWN BY LSTEMMLE	DATE 2010/01/25	MICRO-CHANGE CORDSET 3/4/5 P. FE 90 / MA STR 22/3-5 YELLOW PVC CABLE					
				CHECKED BY RE	DATE 2010/01/26						
				APPROVED BY NSTAUDIG	DATE 2010/01/29	MOLEX INCORPORATED					
				MATERIAL NO.	DOCUMENT NO.						SD-120066-013
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

	10	9	8	7	6	5	4	3	2	1	
F											F
E											E
D											D
C											C
B											B
A											A
	10	9	8	7	6	5	4	3	2	1	

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
3	1200661137	883031A09M010	1.0M +55.6 -0 [3.28' +2.19" -0]

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
4	1200661262	884031A09M010	1.0M +55.6 -0 [3.28' +2.19" -0]
4	1200661263	884031A09M012	1.2M +55.6 -0 [4.04' +2.19" -0]
4	1200661264	884031A09M015	1.5M +55.6 -0 [4.91' +2.19" -0]
4	1200661265	884031A09M020	2.0M +88.9 -0 [6.56' +3.50" -0]
4	1200661267	884031A09M022	2.2M +88.9 -0 [7.23' +3.50" -0]
4	1200661268	884031A09M030	3.0M +88.9 -0 [9.84' +3.50" -0]
4	1200661269	884031A09M035	3.5M +165.1 -0 [10.02' +6.50" -0]
4	1200661270	884031A09M040	4.0M +165.1 -0 [13.12' +6.50" -0]
4	1200661272	884031A09M045	4.5M +165.1 -0 [14.76' +6.50" -0]
4	1200661273	884031A09M050	5.0M +165.1 -0 [16.40' +6.50" -0]

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
5	1200661389	885031A09M010	1.0M +55.6 -0 [3.28' +2.19" -0]

DESCRIPTION EC NO: WEU2010-0288 DRWN: LSTEMMLE 2010/01/25 CHKD: NS APPR: NSTAUDIG 2010/01/29	DESCRIPTION REV	QUALITY SYMBOLS <div>▽ = 0</div> <div>▽C = 0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY LSTEMMLE	DATE 2010/01/25	MICRO-CHANGE CORDSET 3/4/5 P. FE 90 / MA STR 22/3-5 YELLOW PVC CABLE						
			4 PLACES	±---	±---	CHECKED BY	DATE							
			3 PLACES	±---	±---	RE	2010/01/26							
			2 PLACES	±---	±.01	APPROVED BY	DATE	MOLEX INCORPORATED	SD-120066-013				SHEET NO. 1 OF 1	
			1 PLACE	±0.3	±---	NSTAUDIG	2010/01/29							
			ANGULAR ± --- °			MATERIAL NO.		DOCUMENT NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
						SIZE A3								