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Part Number:

1200661273

Status:

Active

Overview:

microchange_m12_connectors

Description:

Micro-Change® (M12) 4 Pole, Female (90°) to Male (Straight) Cordset, 4-22 AWG PVC Cable, 5.0M (16.40')

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	5.0m (16.40')
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	884031A09M050
Reference - Drawing Numbers	
Sales Drawing	SD-120066-013

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

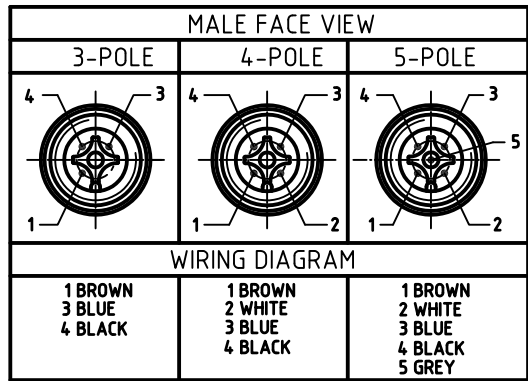
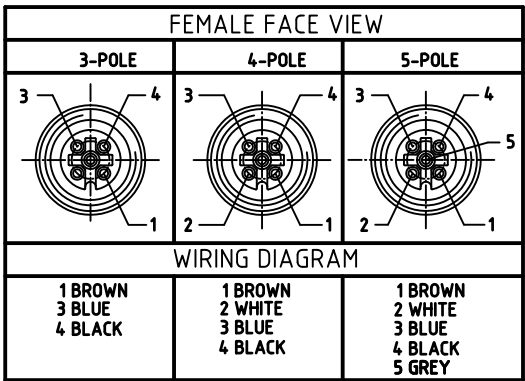
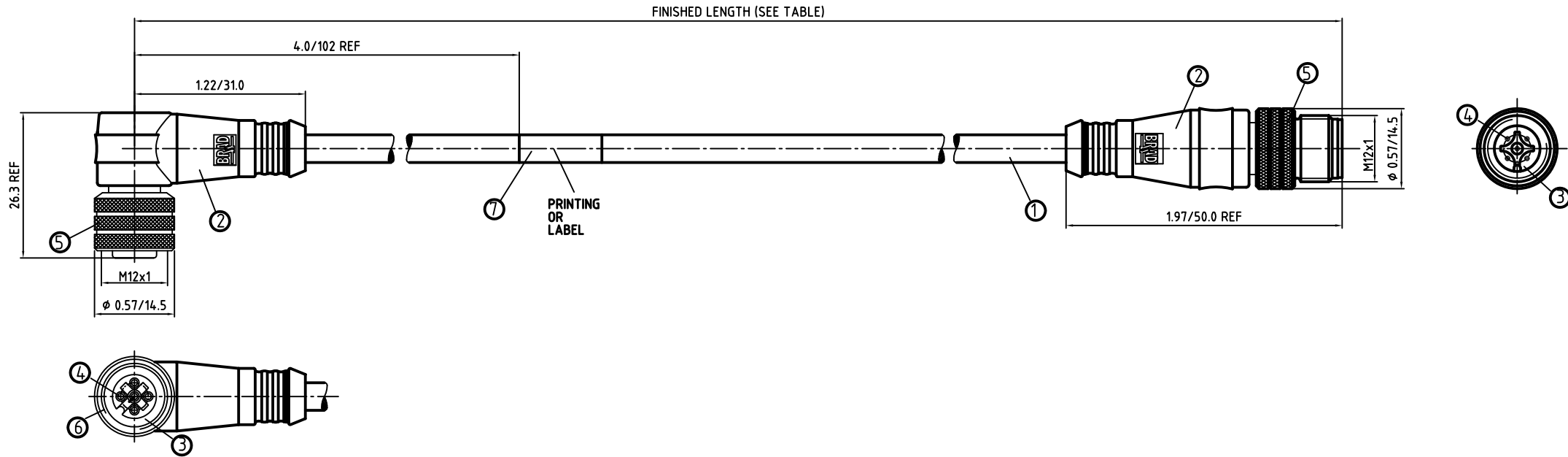
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

120066Series

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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
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 ▽ = 0 ▽C = 0	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	DOCUMENT NO. SD-120066-013			SHEET NO. 1 OF 1
				MATERIAL NO. SEE TABLE SHEET 2						
				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 ▽ = 0 ▽C = 0	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 2010/01/26					
			3 PLACES	±---	±---	RE	DATE 2010/01/26					
			2 PLACES	±---	±.01	APPROVED BY	DATE					
			1 PLACE	±0.3	±---	NSTAUDIG	2010/01/29					
			ANGULAR ± --- °			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-120066-013		SHEET NO. 1 OF 1		
			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				