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Part Number: [1201080027](#)
Status: **Active**
Overview: [microchange m12 connectors](#)
Description: Micro-Change® Double-Ended Cordset, Straight, Male to Male, 4 Poles, 3.0m (9.84') Length, D-Coded Keyway

Documents:

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

General

| | |
|-----------------|--|
| Product Family | Industrial Cordsets |
| Series | 120108 |
| Connector End A | Micro-Change® (M12) |
| Connector End B | Micro-Change® (M12) |
| IP Rating | IP67 |
| Overview | microchange m12 connectors |
| Product Name | Micro-Change® (M12) |
| Type | Double Ended |

Physical

| | |
|-------------------------------|-------------------|
| Cable Diameter | 6.35mm (.250") |
| Cable Length | 3.0m (9.84') |
| Color - Cable Jacket | Blue Green |
| Coupling Style | Threaded |
| Gender | Male-Male |
| Keyway | D-coded |
| LED Indicator | No |
| Material - Cable Jacket | PVC |
| Material - Connector Body | TPU |
| Material - Contact | Copper |
| Material - Coupling Nut | Brass |
| Material - O-Ring | FKM |
| Material - Plating Mating | Gold over Nickel |
| Orientation | Straight |
| Poles | 4 |
| Temperature Range - Operating | -25°C to +75°C |
| Wire Size AWG | 26 |
| Wire/Cable Type | Shielded-Stranded |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Voltage - Maximum | 125V |

Material Info

| | |
|-----------------|---------------|
| Old Part Number | E11A06002M030 |
|-----------------|---------------|

Reference - Drawing Numbers

| | |
|---------------|---------------|
| Sales Drawing | SD-120049-001 |
|---------------|---------------|



image - Reference only

EU RoHS

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

China RoHS



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

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

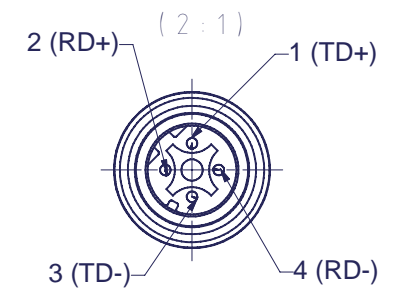
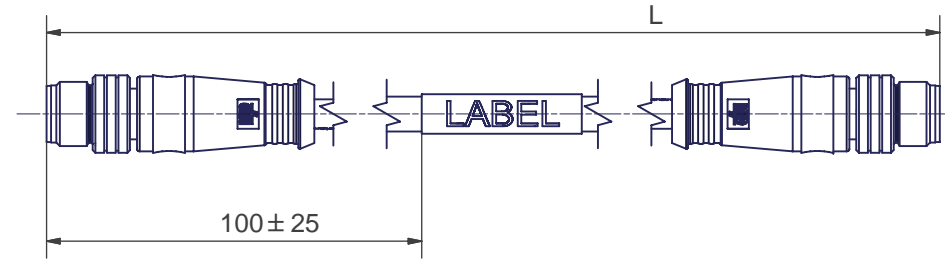
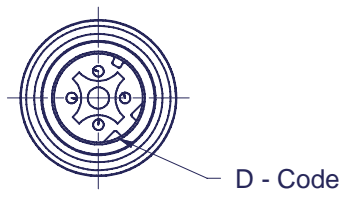
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

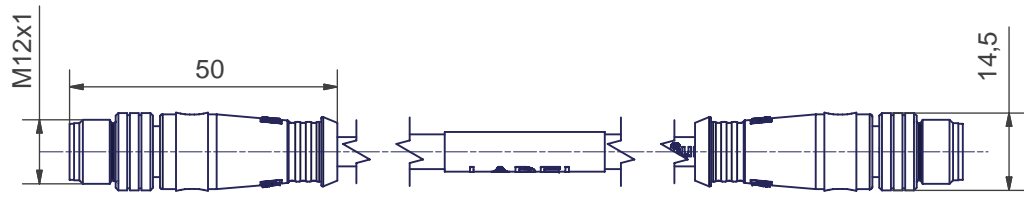
[120108Series](#)

6 5 4 3 2 1

(2:1)

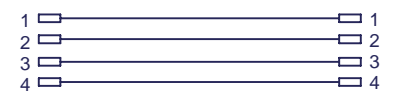


| Material No: | Part Number | length L |
|--------------|----------------|----------|
| 1200499417 | E 11A06002M010 | 1000 |
| 1201080027 | E 11A06002M030 | 3000 |
| 1201080039 | E 11A06002M080 | 8000 |
| 1201080038 | E 11A06002M100 | 10000 |
| 1201080037 | E 11A06002M150 | 15000 |
| 1201080036 | E 11A06002M200 | 20000 |
| 1201080035 | E 11A06002M230 | 23000 |
| 1201080034 | E 11A06002M300 | 30000 |
| 1201080033 | E 11A06002M380 | 38000 |
| 1201080032 | E 11A06002M450 | 45000 |
| 1201080031 | E 11A06002M530 | 53000 |
| 1201080030 | E 11A06002M600 | 60000 |
| 1201080029 | E 11A06002M760 | 76000 |
| 1200490457 | E 11A06002M800 | 80000 |
| 1201080028 | E 11A06002M900 | 90000 |



For further cable length see generic drawing

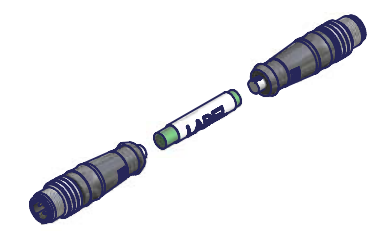
Electrical Data:
 According to CAT5e Ethernet Standard.
 Cordset male D - code to male D - code
 Poles: 4
 Max. Voltage: 125V
 Max Current: 1,5A
 Contact resistance: <5m Ohm
 Insulation withstand: >100M Ohm
 Protection: IP67
 Temperature range: -25°C to 75°C



Connection: Inline
 Cable: YM48679
 Kabel: YM48679

Packaging:
 The coil is packed into a plastic bag and welded.
 Verpackung:
 Das Kabel wird zusammengerollt in eine Plastiktüte gegeben und verschwießt.

Customer Drawing Kundenzzeichnung



| | | | | | |
|---|--------------------|--|---|--|---|
| EC NO: WEU2010-0341 DRWN: NS 08.02.2010 CHKD: FP 16.02.2010 APPR: FP 16.02.2010 5 | DESCRIPTION REV | QUALITY SYMBOLS ▽ = ▽ = | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±*** ±**** 3 PLACES ±*** ±*** 2 PLACES ±0,05 ±*** 1 PLACE ±0,10 ±*** ANGULAR ± 1/2 ° | DIMENSION STYLE MM ONLY DRAWN BY NS DATE 23.05.2005 CHECKED BY FP DATE 12.02.2007 APPROVED BY FP DATE 01.07.2005 | SCALE 1:1 DESIGN UNITS METRIC FIRST ANGLE PROJECTION |
| | | M12-4P(D)-M/M-ST/ST Ethernet Cordset unshielded | | | MOLEX INCORPORATED |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | MATERIAL NO. DOCUMENT NO. E11A06002MXXX SHEET NO. 1 OF 4 |
| | | SIZE A3 | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |