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**Part Number:** [120071-0045](#)  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® (M12) Connectors  
**Description:** Micro-Change® (M12) Single Keyway with PG7 Cable Fitting, Straight Male, 5 Poles, Cable Diameter 3.30-6.60mm

**Documents:**

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

**Agency Certification**

CSA LR6837

**General**

Product Family Field Attachable / Accessories  
 Series [120071](#)  
 Approvals cCSAus certified  
 IP Rating IP67  
 Overview [Brad® Micro-Change® \(M12\) Connectors](#)  
 Product Name Micro-Change® (M12)  
 Type Field Attachable Connector  
 UPC 78678875705

**Physical**

Cable Diameter 3.30-6.60mm (.130-.260")  
 Coupling Type External Thread  
 Diagnostics / LEDs No  
 Diagnostics Port No  
 Gender Male  
 Keyway Single  
 Material - Connector Body PA  
 Material - Contact Brass  
 Material - Coupling Nut Nickel-plated Brass  
 Material - Plating Mating Silver  
 Net Weight 23.320/g  
 Orientation Straight  
 Poles 5  
 Temperature Range - Operating -25°C to +90°C  
 Wire Size AWG 18

**Electrical**

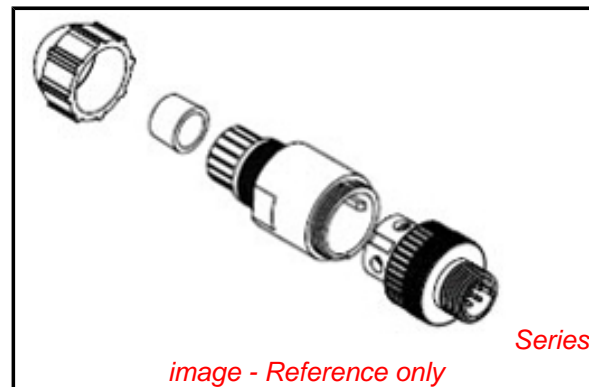
Current - Maximum per Contact 4A  
 Voltage - Maximum 30V AC / 36V DC

**Material Info**

Old Part Number 8A5006-31

**Reference - Drawing Numbers**

Sales Drawing SD-120071-004



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**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.

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120071Series