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**Part Number:** [1203410806](#)  
**Status:** **Active**  
**Overview:** Brad Industrial Ethernet Solutions  
**Description:** Micro-Change (M12) CAT6A Field Attachable Connector, 8 Poles, X-Coded, Straight, Male, Shielded, IDC Termination, Cable Diameter 5.50-9.00mm, AWG 27-22

**Documents:**

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

**Agency Certification**

UL E361772

**General**

Product Family Field Attachable / Accessories  
 Series [120341](#)  
 Approvals cCSAus certified  
 Comments POE+ according to IEEE 802.3AT <br><br>Solid Conductor diameter: 0.51 -0.64mm (AWG24 - 22/1) <br>Stranded Conductor diameter: 0.46 - 0.76 mm (AWG27 - 22/7)  
 Communication Speed 10-Gigabit Ethernet  
 IP Rating IP67  
 Material - Contact Brass  
 Overview [Brad Industrial Ethernet Solutions](#)  
 Product Name Micro-Change (M12) Cat6A  
 Type Field Attachable Connector  
 UPC 889056622493

**Physical**

Cable Diameter 5.50-9.00mm (.216-.354")  
 Coupling Type External Thread  
 Diagnostics / LEDs No  
 Diagnostics Port No  
 Gender Male  
 Keyway X-coded  
 Material - Connector Body Nickel-plated Brass, Zinc Die-Cast with Nickel  
 Material - Coupling Nut Nickel-plated Brass  
 Material - Plating Mating Gold  
 Net Weight 46.977/g  
 Orientation Straight  
 Poles 8  
 Temperature Range - Operating -40°C to +85°C  
 Wire Size AWG 24-22/1, 27-22/7

**Electrical**

Current - Maximum per Contact 0.5A  
 Voltage - Maximum 48V

**Material Info**

Engineering Number E2AS06-52

**Reference - Drawing Numbers**

Sales Drawing 1203410806-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - D(2020)9139-DC (19 Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[120341](#) Series

**Mates With**

[1203410075](#) , [1203410150](#) , [1203410190](#) , [1203410260](#)

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