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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 \(PDF\)](#) [Product Literature \(PDF\)](#)
[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 Solid Conductor diameter: 0.51 -0.64mm (AWG24 - 22/1) Stranded Conductor diameter: 0.46 - 0.76 mm (AWG27 - 22/7), POE+ according to IEEE 802.3AT Solid Conductor diameter: 0.51 -0.64mm (AWG24 - 22/1) 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 Literature Order No	987651-1231
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 over Nickel
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 - ED/71/2019 (16 July 2019) Halogen-Free Status Low-Halogen	China RoHS
China ROHS ELV RoHS Phthalates	Green Image Not Relevant Not Contained

Search Parts in this Series
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Mates With
[1203410075](#) , [1203410150](#) , [1203410190](#) , [1203410260](#)

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