Part Number : 1203410806
Product 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
Series Number : 120341
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : E2AS06-52



Documents & Resources

Drawings

1203410806_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

CE - Declaration of Conformity

UKCA - Declaration of Conformity

Part Details

General

Status	Active
Category	Circular Industrial Connectors
Series	120341
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
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)
IP Rating	IP67
Product Name	Micro-Change (M12) Cat6A
Type	Field Attachable Connector
UPC	889056622493

Agency

UL	E361772

Electrical

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

Physical

Cable Diameter	5.50-9.00mm (.216-.354")

Communication Speed	10-Gigabit Ethernet
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 - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold
Net Weight	46.977/g
Orientation	Straight
Poles	8
Temperature Range - Operating	-40° to +85°C
Wire Size (AWG)	24-22/1, 27-22/7

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Change (M12) CAT6A Front Panel-Mount Receptacle, 8 Poles, X-Coded, Female (Straight), 0.0185m (.728") Length	1203410075
Micro-Change (M12) CAT6A Back Panel-Mount Receptacle, 8 Poles, X-Coded, Female (Straight), 0.0185m (.728") Length	1203410150
Micro-Change (M12) CAT6A Receptacle, 8 Poles, X-Coded, Female (Straight) to FCP Pigtail, 0.10m (4.00") Length	1203410260