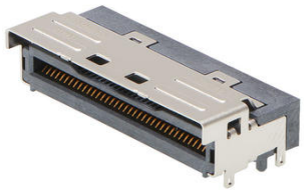
Part Number : 2173462025
Product Description : Mini Cool Edge (MCIO) Connector, Right-Angle, 8x PCIe Gen5, 74 Circuits, 0.75µm Gold (Au) Plated Contact, 1.20mm Solder Peg Length, 1.27µm Nickel Plated Shell
Series Number : 217346
Status : Active
Product Category : High-Speed I/O Connectors



Documents and Resources

Drawings

2173462025_sd.pdf

2173462011-PK.pdf

Specifications

2170820001-000.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)7771-DC (04 Feb 2026)
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

Downloaded from Arrow.com.

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	High-Speed I/O Connectors
Series	217346
Description	Mini Cool Edge (MCIO) Connector, Right-Angle, 8x PCIe Gen5, 74 Circuits, 0.75µm Gold (Au) Plated Contact, 1.20mm Solder Peg Length, 1.27µm Nickel Plated Shell
Application	Wire-to-Board
Component Type	Receptacle
Product Name	Mini Cool Edge (MCIO)
Type	Internal
UPC	195842136571

Electrical

Current - Maximum per Contact	1.1A
Data Rate	32.0 Gbps
Voltage - Maximum	30V AC (RMS)/DC

Physical

Circuits (Loaded)	74
Circuits (maximum)	74
Color - Resin	Black
Durability (mating cycles max)	200
Gender	Receptacle

Downloaded from Arrow.com.

Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.400/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.60mm
Pitch - Termination Interface	0.60mm
Plating min - Mating	0.750µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini Cool Edge (MCIO) Straight-to-Mini Cool Edge (MCIO) 8x Straight Cable Assemblies	215071
Mini Cool Edge (MCIO) 8x Cable Assemblies	215073
Mini Cool Edge (MCIO) Left-Exit-to-Mini Cool Edge (MCIO) 8x Right-Exit Cable Assemblies	215732

Downloaded from Arrow.com.