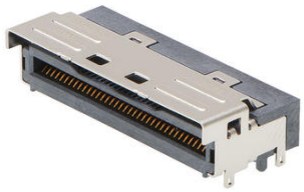
**Part Number :** 2173462023
**Product Description :** Mini Cool Edge (MCIO) Connector, Right-Angle, 8x PCIe Gen5, 74 Circuits, 0.75µm Gold (Au) Plated Contact, 3.00mm Solder Peg Length, 1.27µm Nickel Plated Shell
**Series Number :** 217346
**Status :** Active
**Product Category :** High-Speed I/O Connectors



## Documents and Resources

### Drawings

2173462023_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 | Compliant per 2000/53/EC |
| 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

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## 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, 3.00mm Solder Peg Length, 1.27µm Nickel Plated Shell |
| Application | Wire-to-Board |
| Component Type | Receptacle |
| Product Name | Mini Cool Edge (MCIO) |
| Type | Internal |
| UPC | 195842136557 |

### 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 |

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| | |
|---|---|
| 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 | 1.420/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 |



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