



**Part Number :** [2040586102](#)  
**Product Description :** QSFP-DD Assembly, Stacked  
2x1, 4.50mm Tapered Fin Heat Sink  
**Series Number :** 204058  
**Status :** Obsolete  
**Product Category :** High-Speed I/O Connectors



## Documents and Resources

### Drawings

- [2001991709-000.pdf](#)
- [2040509001-K.pdf](#)
- [2001991709-000.zip](#)
- [2040586110LP-000.pdf](#)
- [2040586110UP-000.pdf](#)
- [2040586110-000.zip](#)

### Specifications

- [2040580004-000.pdf](#)
- [2040580001-PS.pdf](#)
- [2040580001-TS-000.pdf](#)
- [2040580002-000.pdf](#)

### Tooling Specifications

- [2001991709-000.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)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

## Part Details

### General

|                |                                                             |
|----------------|-------------------------------------------------------------|
| Status         | Obsolete                                                    |
| Category       | High-Speed I/O Connectors                                   |
| Series         | 204058                                                      |
| Description    | QSFP-DD Assembly, Stacked 2x1, 4.50mm Tapered Fin Heat Sink |
| Application    | Module-to-Board                                             |
| Component Type | Receptacle                                                  |
| Product Name   | QSFP-DD                                                     |
| Type           | Pluggable                                                   |
| UPC            | 191128419895                                                |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Grounding to Panel            | Yes  |

|          |     |
|----------|-----|
| Shielded | Yes |
|----------|-----|

## Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 152                            |
| Circuits (maximum)             | 152                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 100                            |
| Gender                         | Female                         |
| Keying to Mating Part          | No                             |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 51.740/g                       |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| Packaging Type                 | Tray                           |
| Panel Mount                    | N/A                            |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.57mm                         |
| PC Tail Length                 | 1.70mm                         |
| Pitch - Mating Interface       | 0.80mm                         |
| Plating min - Mating           | 0.760µm                        |
| Plating min - Termination      | 0.760µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Ports                          | 2                              |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface Style    | Through Hole - Compliant Pin   |

## Application Tooling