



**Part Number :** [2048430001](#)

**Product Description :** Mirror Mezz Hermaphroditic Connector, 2.50mm Connector Height, BGA-Attach Mounting, 7 Pair, 11 Row, 699 Circuits, 0.76µm Gold (Au) Plating, without Pegs

**Series Number :** 204843

**Status :** Active

**Product Category :** Board-to-Board Connectors



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## Documents and Resources

### Drawings

[2048430001\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[2028281506EE-000.pdf](#)

[2028281506SP-000.zip](#)

### Specifications

[2028280001-AS-000.pdf](#)


[2028289005PS-001.pdf](#)

[2028280001-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 34; 33; 44
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
- 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	Board-to-Board Connectors
Series	204843
Description	Mirror Mezz Hermaphroditic Connector, 2.50mm Connector Height, BGA-Attach Mounting, 7 Pair, 11 Row, 699 Circuits, 0.76µm Gold (Au) Plating, without Pegs
Application	Board-to-Board, Mezzanine
Component Type	Plug
Product Name	Mirror Mezz
UPC	191128393027

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	0.75A (1 Oz Cu Trace), 1.2A (2 Oz Cu Trace)
Voltage - Maximum	30V AC (RMS)/DC

## Physical

Breakaway	No
Circuits (Loaded)	699
Circuits (maximum)	699
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	No
Lock to Mating Part	No
Mated Height	5.00mm
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.257/g
Number of Rows	11
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	1.50mm, 4.00mm
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Unshrouded
Stackable	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	BGA Solder

## Solder Process Data

Max-Duration	20
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mirror Mezz Hermaphroditic Connector, 5.50mm Connector Height, BGA-Attach Mounting, 7 Pair, 11 Row, 699 Circuits, 0.76µm Gold (Au) Plating, without Pegs	<u>2034560003</u>
Mirror Mezz Hermaphroditic Connectors	<u>204843</u>
Mates With	This is a hermaphroditic, self-mating part.

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