

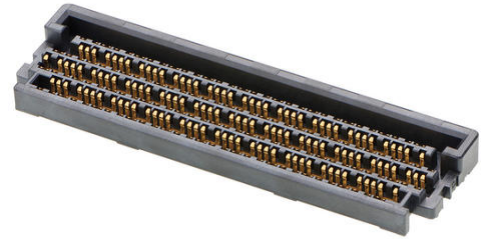
Part Number : [2091410002](#)

Product Description : Mirror Mezz Hermaphroditic Connector, 2.50mm Connector Height, BGA-Attach Mounting, 10 Pair, 7 Row, 292 Circuits, 0.76µm Gold (Au) Plating, with Pegs

Series Number : 209141

Status : Active

Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

[2091410002 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)


Specifications

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

[2091410001-PS-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
- 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	209141
Description	Mirror Mezz Hermaphroditic Connector, 2.50mm Connector Height, BGA-Attach Mounting, 10 Pair, 7 Row, 292 Circuits, 0.76µm Gold (Au) Plating, with Pegs
Application	Board-to-Board, Mezzanine
Component Type	Plug
Product Name	Mirror Mezz
UPC	193264466795

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)	292
Circuits (maximum)	292
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	2.767/g
Number of Rows	7
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
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Mirror Mezz Hermaphroditic Connectos	<u>209141</u>
Mates With	This is a hermaphroditic, self-mating part.

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