

Part Number : 2189101115

Product Description : Mirror Mezz Pro
Hermaphroditic Connector, 2.50mm
Connector Height, BGA-Attach Mounting, 15
Pair, 11 Row, 688 Circuits, 0.76µm Gold (Au)
Plating, with Pegs



Series Number : 218910

Status : Active

Product Category : Board-to-Board
Connectors

Documents & Resources

Drawings

2189101115_sd.pdf

2093118500-000.pdf

3D Models and Design Files

2189101115_stp.zip

Specifications

2189100001-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	218910
Description	Mirror Mezz Pro Hermaphroditic Connector, 2.50mm Connector Height, BGA-Attach Mounting, 15 Pair, 11 Row, 688 Circuits, 0.76µm Gold (Au) Plating, with Pegs
Application	Board-to-Board, Mezzanine
Component Type	PCB Header
Product Name	Mirror Mezz Pro
UPC	195842664340

Agency

UL	E29179
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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)	688
Circuits (maximum)	688
Color - Resin	Gray (Dark)
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	None
Lock to Mating Part	None
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	5.410/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	Yes
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
Mirror Mezz Pro Hermaphroditic Connectors	<u>218910</u>
Mates With	This is a hermaphroditic, self-mating part.

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