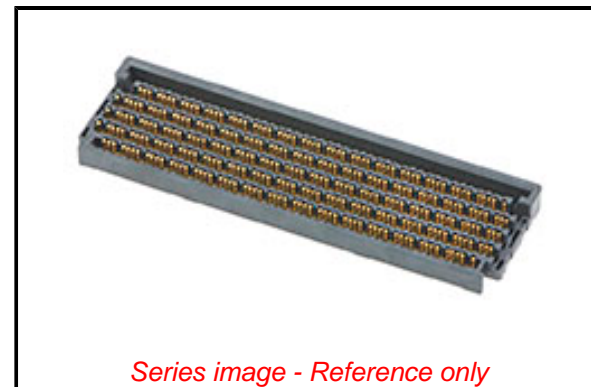


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2093111115](#)
Status: **Active**
Overview: [Mirror Mezz Connectors](#)
Description: Mirror Mezz Hermaphroditic Connector, 2.50mm Connector Height, BGA-Attach Mounting, 15 Pair, 11 Row, 688 Circuits, 0.76µm Gold (Au) Plating

Documents:

| | |
|--|---|
| 2D Drawing (DXF) | Application Specification 2028280001-AS-000 (PDF) |
| Drawing (PDF) | Application Specification 2028289005PS-001 (PDF) |
| 2D Drawing DXF (PDF) | Packaging Specification 2093118500-000 (PDF) |
| Product Specification 2028280001-000 (PDF) | RoHS Certificate of Compliance (PDF) |



Agency Certification

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

General

| | |
|------------------|--|
| Product Family | PCB Headers |
| Series | 209311 |
| Application | Board-to-Board |
| Electrical Model | No |
| Overview | Mirror Mezz Connectors |
| Product Name | Mirror Mezz |
| UPC | 191130509140 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 688 |
| Circuits (maximum) | 688 |
| 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 | None |
| 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 | 5.360/g |
| Number of Rows | 11 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.50mm, 4.00mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Yes |
| Stackable | Yes |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface: Style | Surface Mount |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[209311 Series](#)

Mates With

[Mirror Mezzanine Hermaphroditic Connector
2093111115](#)

Electrical

Current - Maximum per Contact 0.75A (1 Oz Cu Trace), 1.0A (1.5 Oz Cu Trace), 1.2A (2 Oz Cu Trace)
Voltage - Maximum 30V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 020
Lead-free Process Capability REFLOW
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 260

Material Info**Reference - Drawing Numbers**

Application Specification 2028280001-AS-000, 2028289005PS-001
Electrical Model Document 2093111115EE-000
Packaging Specification 2093118500-000
Product Specification 2028280001-000
Sales Drawing 2093111115-SD-000

This document was generated on 10/23/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION