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**Part Number:** [2091411110](#)  
**Status:** **Active**  
**Overview:** [Mirror Mezz and Mirror Mezz Pro Connectors](#)  
**Description:** Mirror Mezz Hermaphroditic Connector, 2.50mm Connector Height, 10 Pair, 11 Row, 468 Circuits, 0.76µm Gold (Au) Plating

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 2028289005PS-001 (PDF)</a>
<a href="#">Product Specification 2091410001-PS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification 2028280001-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

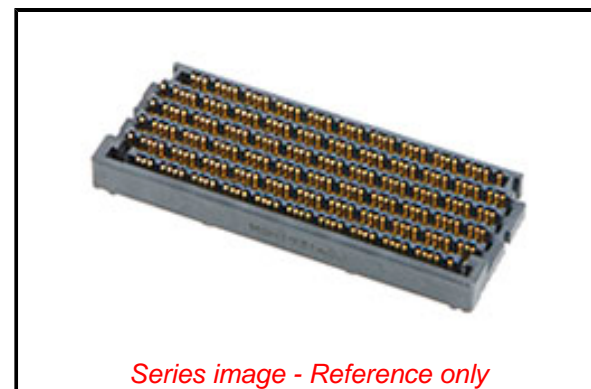
Product Family	PCB Headers
Series	<a href="#">209141</a>
Application	Board-to-Board
Component Type	PCB Header
Overview	<a href="#">Mirror Mezz and Mirror Mezz Pro Connectors</a>
Product Name	Mirror Mezz
Taxonomy	Board-to-Board Connectors
UPC	193264207398

**Physical**

Breakaway	No
Circuits (Loaded)	468
Circuits (maximum)	468
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	No
Mated Height	4.65mm
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	BGA Solder
Material - Resin	High Temperature Thermoplastic
Net Weight	3.877/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
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)4187-DC (10  
June 2022)

**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**

[209141](#) Series

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
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	2028281506EE-000
Product Specification	2091410001-PS-000
S-Parameter Model	2028281506SP-000
Sales Drawing	2091410001-000

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