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Part Number: [209311115](#)
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 2028289005PS-001 (PDF)
2D Drawing DXF (PDF)	Application Specification 2093110001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification 2093118500-000 (PDF)
Product Specification 2028280001-000 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2028280001-AS-000 (PDF)	

Agency Certification

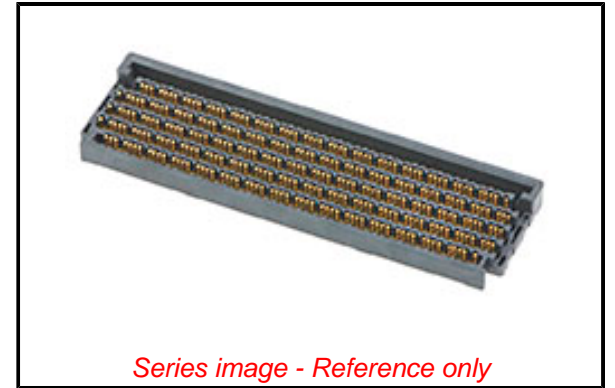
CSA	LR19980
UL	E29179

General

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



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

[209311 Series](#)

Mates With

[Mirror Mezzanine Hermaphroditic Connector
209311115](#)

Temperature Range - Operating -55° to +105°C
Termination Interface: Style Surface Mount

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,
2093110001-AS-000
Electrical Model Document 2093111115EE-000
Packaging Specification 2093118500-000
Product Specification 2028280001-000
S-Parameter Model 2093111115SP-000
Sales Drawing 2093111115-SD-000

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