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Part Number: [0458022207](#)
Status: **Active**
Overview: [HD Mezz Mezzanine Connector System](#)
Description: 1.20mm by 2.00mm Pitch HD Mezz Receptacle, 91 Circuits, 10.00mm Unmated Height, 7 Rows, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-45802-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-45802-001-001 \(PDF\)](#)

Agency Certification

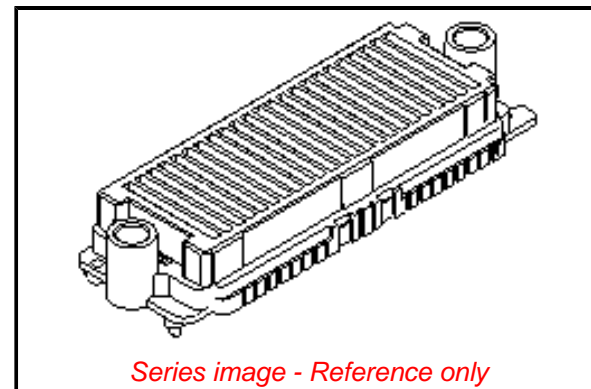
CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [45802](#)
 Application Board-to-Board, Signal
 Comments 1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row
 Overview [HD Mezz Mezzanine Connector System](#)
 Product Name HD Mezz
 UPC 883906089146

Physical

Circuits (Loaded) 91
 Circuits (maximum) 91
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 6.387/g
 Number of Rows 7
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 2.00mm
 Pitch - Termination Interface 2.00mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Robotic Placement Vacuum Pick-Up Tape
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Surface Mount
 Unmated Height 10.00mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

Halogen-Free
Status

Low-Halogen

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 environmental compliance?**

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 non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45802 Series](#)

Electrical

Current - Maximum per Contact	2.0A
Grounding to PCB	No
Voltage - Maximum	250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	AS-45802-001-001
Product Specification	PS-45802-001-001
Sales Drawing	RSD-45802-0001, SD-45802-0001, SD-45802-0002

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