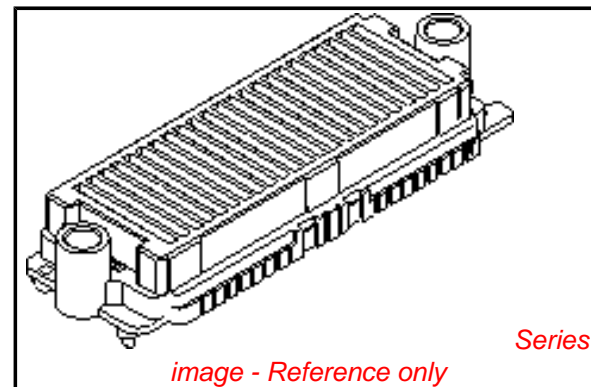


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Part Number: [46553-1200](#)
Status: **Active**
Overview: HD Mezz™
Description: 1.20mm by 2.00mm Pitch HD Mezz™ Receptacle, 104 Circuits, 18.00mm Unmated Height, 11 Rows, Selectively Filled, Lead-Free

Documents:

3D Model	Application Specification AS-45802-001 (PDF)
Drawing (PDF)	Test Summary TS-45802-001 (PDF)
Product Specification PS-45802-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	PCB Receptacles
Series	46553
Application	Board-to-Board, Signal
Comments	1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row
Overview	<u>HD Mezz™</u>
Product Name	Mezzanine
UPC	800756731179

Physical

Circuits (Loaded)	104
Circuits (maximum)	104
Color - Resin	Black
Durability (mating cycles max)	100
Glow-Wire Compliant	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	13.054/g
Number of Rows	11
Orientation	Vertical
PC Tail Length	1.60mm
PCB Locator	Yes
PCB Retention	Yes
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	18.00mm

Electrical

Current - Maximum per Contact	2A
Grounding to PCB	No

EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Low-Halogen	China RoHS
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Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
46553Series

Voltage - Maximum 250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	20
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-45802-001
Product Specification	PS-45802-001
Sales Drawing	SD-46553-001
Test Summary	TS-45802-001

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