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Part Number:

0458301211

Status:

Active

Overview:

HD Mezz Mezzanine Connector System

Description:

1.20mm by 2.00mm Pitch HD Mezz Plug, 143 Circuits, 18.00mm Unmated Height, 11 Rows, Tin (Sn) Plating

Documents:

3D Model

Product Specification PS-45802-001-001 (PDF)

3D Model (PDF)

Test Summary TS-45830-9003-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

45830

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

822350234993

Physical

Breakaway

No

Circuits (Loaded)

143

Circuits (maximum)

143

Color - Resin

Black

Durability (mating cycles max)

100

First Mate / Last Break

No

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

16.460/g

Number of Rows

11

Orientation

Vertical

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Tray

Pitch - Mating Interface

1.20mm

Pitch - Termination Interface

1.20mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Robotic Placement

Vacuum Pick-Up Clip

Shrouded

Closed Ends

Stackable

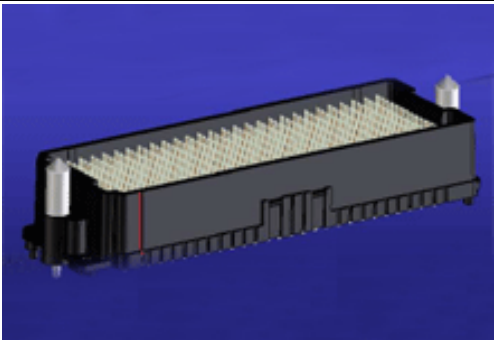
No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-55° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

45830 Series

Mates With

45802 HD Mezz Receptacle

Termination Interface: Style	Surface Mount
Unmated Height	18.00mm
Electrical	
Current - Maximum per Contact	2.0A
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	
Product Specification	PS-45802-001-001
Sales Drawing	SD-45830-0001-001
Test Summary	TS-45830-9003-001

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