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Part Number: **0458300215**
Status: **Active**
Overview: HD Mezz Mezzanine Connector System
Description: 1.20mm by 2.00mm Pitch HD Mezz Plug, 195 Circuits, 8.00mm Unmated Height, 15 Rows, Tin (Sn) Plating

Documents:

| | |
|--------------------------------|--|
| 3D Model | Product Specification PS-45802-001-001 (PDF) |
| Drawing (PDF) | Test Summary TS-45830-9003-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

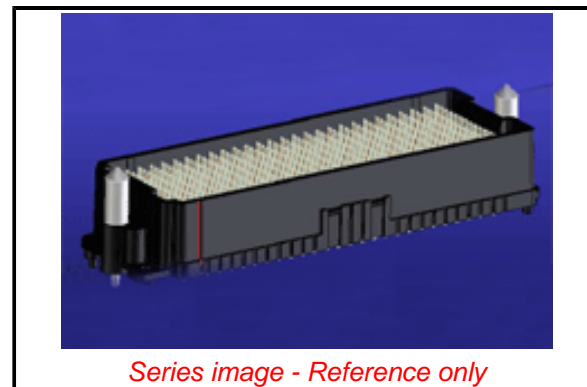
| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

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 | 822350629812 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 195 |
| Circuits (maximum) | 195 |
| 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 | 9.279/g |
| Number of Rows | 15 |
| 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(2020)9139-DC (19
Jan 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 | 8.00mm |

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**

| | |
|---------------------------|----------------------------------|
| Electrical Model Document | EE-45802-0016 |
| Product Specification | PS-45802-001-001 |
| S-Parameter Model | SP-45802_45830 |
| Sales Drawing | SD-45830-0001-001, SD-45830-0002 |
| Test Summary | TS-45830-9003-001 |

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