

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0458302211](#)
Status: **Active**
Overview: HD Mezz Mezzanine Connector System
Description: 1.20mm by 2.00mm Pitch HD Mezz Plug, 143 Circuits, 10.00mm Unmated Height, 11 Rows, Tin (Sn) Plating

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

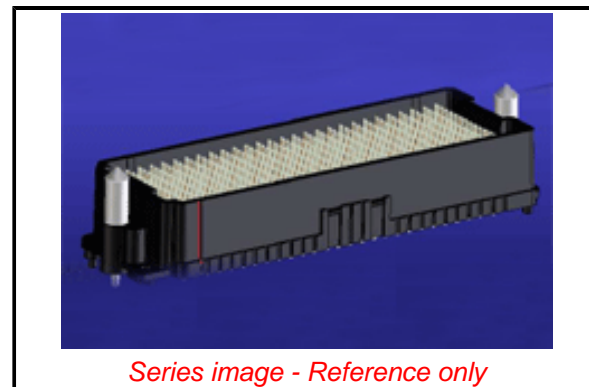
Product Family PCB Headers
 Series [45830](#)
 3D Viewer Yes
 Application Board-to-Board, Signal
 CURRENT-MAX-NUMERIC 2.0
 Comments 1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row, 1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row

Overview

PITCH-MATING-NUMERIC [HD Mezz Mezzanine Connector System](#)
 Product Name 1.20
 UPC HD Mezz
 822350629720

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 9.466/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 2019)

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

Robotic Placement	Vacuum Pick-Up Clip
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount
Unmated Height	10.00mm

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	020
Lead-free Process 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, SD-45830-0002
Test Summary	TS-45830-9003-001

This document was generated on 07/29/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION