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Part Number:

0458300207

Status:

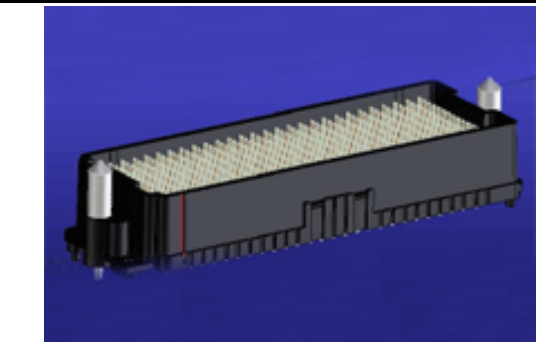
Active

Overview:

HD Mezz Mezzanine Connector System

Description:

1.20mm by 2.00mm Pitch HD Mezz Plug, 91 Circuits, 8.00mm Unmated Height, 7 Rows, Tin (Sn) Plating



Series image - Reference only

Documents:	
3D Model	Product Specification TS-45830-9003-001 (PDF)
Drawing (PDF)	Application Specification AS-45802-001-001 (PDF)
Product Specification PS-45802-001-001 (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
Data Load Status	Collected FY08-Verified FY08
Doc Info - Component	E-45830-001_C, PK-45830-001_B, PS-45802-001_6, SD-45830-001_C
Made From	0458270203, 0459400007
Overview	HD Mezz Mezzanine Connector System
Product Name	HD Mezz
UPC	800756957906
Physical	
Breakaway	No
Circuits (Loaded)	91
Circuits (maximum)	91
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	5.880/g
Number of Rows	7
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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

45830 Series

Mates With

45802 HD Mezz Receptacle

Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Temperature Range NonOperating	-40°C to +105°C
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

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

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