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Part Number: **0458302225**
Status: **Active**
Overview: HD Mezz Mezzanine Connector System
Description: 1.20mm by 2.00mm Pitch HD Mezz Plug, 325 Circuits, 10.00mm Unmated Height, 25 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

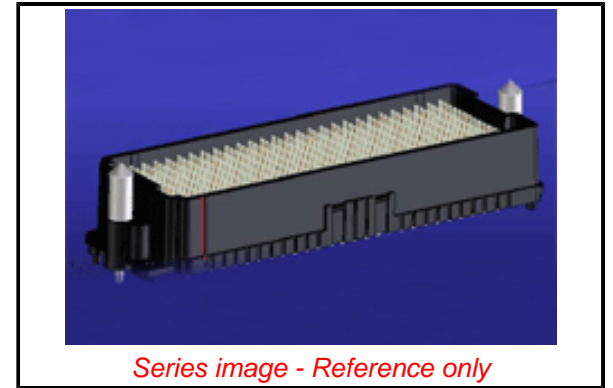
CSA LR19980

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	822350629843

Physical

Breakaway	No
Circuits (Loaded)	325
Circuits (maximum)	325
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	17.172/g
Number of Rows	25
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
Termination Interface: Style	Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
1,2-bis(2-
methoxyethoxy)ethane
1,2-diethoxyethane
1,3-propanesultone
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol
diisohexyl phthalate
Boric acid
Tris(4-nonylphenyl,
branched and linear)
phosphi
Pyrene
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Perfluorohexane-1-
sulphonic acid and its
salts

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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-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, SD-45830-0002
Test Summary TS-45830-9003-001

Search Parts in this Series

[45830 Series](#)

Mates With

[45802 HD Mezz Receptacle](#)

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