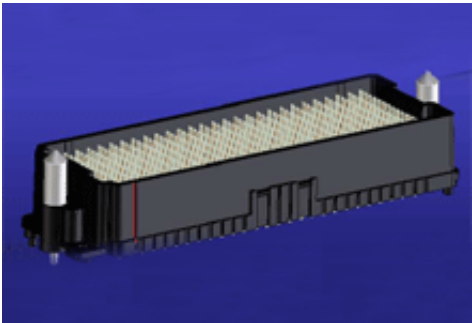




Part Number : [458302211](#)
Product Description : 1.20mm by 2.00mm
Pitch HD Mezz Plug, 143 Circuits, 10.00mm
Unmated Height, 11 Rows, Tin (Sn) Plating
Series Number : 45830
Status : Obsolete
Product Category : Board-to-Board
Connectors



Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Obsolete
Category	Board-to-Board Connectors
Series	45830
Description	1.20mm by 2.00mm Pitch HD Mezz Plug, 143 Circuits, 10.00mm Unmated Height, 11 Rows, Tin (Sn) Plating
Application	Board-to-Board, Signal
Comments	1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row
Component Type	PCB Header
Product Name	HD Mezz
UPC	822350629720

Agency

CSA	LR19980
UL	E29179

Electrical

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

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
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
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
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Surface Mount
Unmated Height	10.00mm

Solder Process Data

Max-Duration	20
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	260