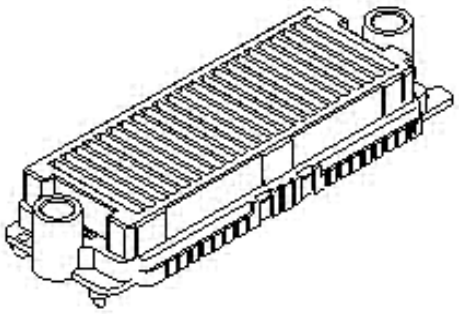
Part Number : 458020311
Product Description : 1.20mm by 2.00mm Pitch HD Mezz Receptacle, 143 Circuits, 8.00mm Unmated Height, 11 Rows, Lead-Free
Series Number : 45802
Status : Obsolete
Product Category : Board-to-Board Connectors



Obsolete

Documents and Resources

Drawings

458020311_sd.pdf

PK-45802-001-001.pdf

458020311_stp.zip

EE-45802-0016-001.pdf

SP-45802_45830-001.zip

Specifications

PS-45802-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 47
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025) SCIP:
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	Board-to-Board Connectors
Series	45802
Description	1.20mm by 2.00mm Pitch HD Mezz Receptacle, 143 Circuits, 8.00mm Unmated Height, 11 Rows, Lead-Free
Application	Board-to-Board, Signal, Mezzanine
Comments	1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row
Component Type	PCB Receptacle, Receptacle
Product Name	HD Mezz
UPC	822350611312

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.0A
Grounding to PCB	No
Voltage - Maximum	250V AC

Obsolete

Physical

Circuits (Loaded)	143
Circuits (maximum)	143
Color - Resin	Black
Durability (mating cycles max)	100
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	7.020/g
Number of Rows	11
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Tape
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Surface Mount
Unmated Height	8.50mm

Solder Process Data

Max-Duration	20

Obsolete

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

Obsolete