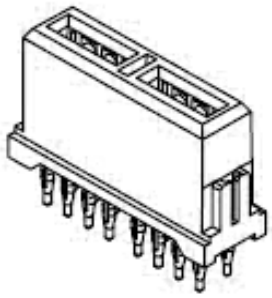
Part Number : 755455000
Product Description : EXTreme PowerMass 11.00mm Pitch, 80A per module, Vertical Receptacle, Lead-Free
Series Number : 75545
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings

755455000_sd.pdf

PK-75541-200-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-75431-999-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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(2025)4165-DC (25 June 2025)
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	Active
Category	Board-to-Board Connectors
Series	75545
Description	EXTreme PowerMass 11.00mm Pitch, 80A per module, Vertical Receptacle, Lead-Free
Application	Board-to-Board, Power
Comments	80A per module, 40A per contact (2 contacts per module)
Component Type	PCB Receptacle
Product Name	EXTreme PowerMass
UPC	800756673356

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	40.0A
Grounding to PCB	No
Voltage - Maximum	450V

Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.475/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.18mm
PC Tail Length	4.72mm
Pitch - Mating Interface	11.00mm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Max-Duration	20
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	230

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme PowerMass Right-Angle Plugs	75561