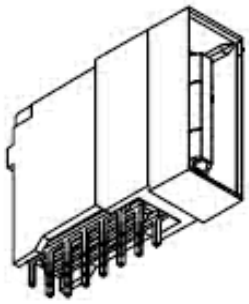
Part Number : 755565100
Product Description : EXTreme PowerMass 3.18mm Pitch, 150A Module, 1 Circuit, Right-Angle Plug, Short Blade, Tail Length 3.06mm
Series Number : 75556
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings

755565100_sd.pdf

PK-46081-100-001.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(2024)7663-DC (21 Jan 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	75556
Description	EXTreme PowerMass 3.18mm Pitch, 150A Module, 1 Circuit, Right-Angle Plug, Short Blade, Tail Length 3.06mm
Application	Board-to-Board, Power
Comments	150A Module Tin Tails
Component Type	PCB Header
Product Name	EXTreme PowerMass
UPC	800756779614

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	150.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	1
Circuits (maximum)	1
Durability (mating cycles max)	50
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	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	18.078/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.40mm
PC Tail Length	3.06mm
Pitch - Mating Interface	N/A
Pitch - Termination Interface	1.60mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	1p - 0s
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme PowerMass, 150 Amp Module, 1 Circuit, Vertical Receptacle, Lead-Free	755425000