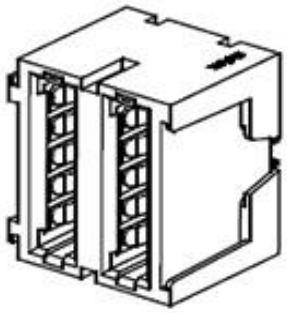
Part Number : 1721860011
Product Description : EXTreme EnergetiC Modular Vertical Receptacle Assembly, 2 Power Circuits with Press-Fit Tails, without Guide
Series Number : 172186
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

1721860011_sd.pdf

PK-172186-0002-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-172185-0001-001.pdf

1721850000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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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	172186
Description	EXTreme EnergetiC Modular Vertical Receptacle Assembly, 2 Power Circuits with Press-Fit Tails, without Guide
Application	Board-to-Board
Component Type	Receptacle
Product Name	EXTreme EnergetiC
UPC	889056254052

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	100.0A
Voltage - Maximum	600V AC/DC

Physical

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Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	5.858/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Retention	No
PCB Thickness - Recommended	1.58mm
PC Tail Length	2.83mm
Pitch - Mating Interface	7.65mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	2p - 0s
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme EnergetiC Modular	1721850011

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Right-Angle Plug Assembly, 2 Power Circuits with Solder Tail Mounting, without Guide	

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