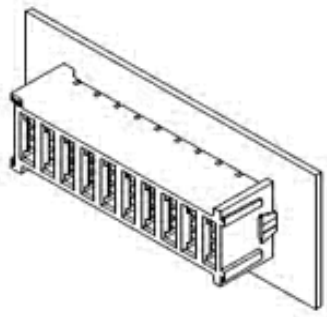
Part Number : 465629001
Product Description : EXTreme Ten60Power Vertical Receptacle Assembly, 1 Power Circuit
Series Number : 46562
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

465629001_sd.pdf

PK-46562-001-000.pdf

PK-46562-002-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

AS-46436-100-001.pdf

PS-46436-100-001.pdf

464361000-TS-000.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)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	46562
Description	EXTreme Ten60Power Vertical Receptacle Assembly, 1 Power Circuit
Application	Board-to-Board, Power
Comments	See PS-46436-100 for details
Component Type	Receptacle
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	884982549975

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A, 55.0A
Grounding to PCB	No

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Voltage - Maximum	600V AC / 250V DC

Physical

Circuits (Loaded)	1
Circuits (maximum)	1
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	No
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.000/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	N/A
Plating min - Mating	0.127µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	1p - 0s
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

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Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Right-Angle Plug Assemblies	46437

Application Tooling

Global

Description	Part Number
Removal Tool for EXTreme Ten60Power Power Receptacle Terminals	621007900

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