Part Number : 465629320

Product Description : EXTreme Ten60Power Vertical Receptacle with Side Guides, 5 DC Power Circuits, 30 Signal Circuits, Press Fit Tail

Series Number : 46562

Status : Active

Product Category : Board-to-Board Connectors

Documents & Resources

Drawings

Drawing 465629320_sd.pdf

Packaging Design Drawing 465621001-PK-000.pdf

3D Models and Design Files

3D Model 465629320_stp.zip

Specifications

Product Specification PS-46436-100-001.pdf

Test Summary 464361000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	46562
Description	EXTreme Ten60Power Vertical Receptacle with Side Guides, 5 DC Power Circuits, 30 Signal Circuits, Press Fit Tail
Application	Board-to-Board, Power, Signal
Comments	See Product Specification for details
Component Type	PCB Receptacle
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	195842673083

Agency

UL	E29179

Electrical

Current - Maximum per Contact	60.0A
Grounding to PCB	No
Voltage - Maximum	600V AC / 250V DC

Physical

Circuits (Loaded)	35
Circuits (maximum)	35
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0

Glow-Wire Capable	No
Guide to Mating Part	Side, Yes
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	17.515/g
Number of Rows	1, 5
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.50mm, 3.28mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	2.00mm, 5.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	5p - 30s
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Right-Angle Plug with Side Guides, 5 DC Power Circuits, 30 Signal Circuits, Press Fit Tail	464379320