



Part Number : 465629329

Series Number : 46562

Product Category : Board-to-Board Connectors

Product Description : EXTreme Ten60Power Vertical Receptacle with Side Guides, 4 DC Power Circuits, 30 Signal Circuits, 4 DC Power Circuits, Press Fit Tail

Status : Active

Documents & Resources

Drawings
Drawing 465629329_sd.pdf
Packaging Design Drawing 465621001-PK-000.pdf

3D Models and Design Files
3D Model 465629329_stp.zip

Specifications
Product Specification PS-46436-100-001.pdf
Test Summary 464361000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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, 4 DC Power Circuits, 30 Signal Circuits, 4 DC Power 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	195842673182

Agency

UL	E29179
----	--------

Electrical

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

Physical

Circuits (Loaded)	38
Circuits (maximum)	38
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	19.585/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	4p - 30s - 4p
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, 4 DC Power Circuits, 30 Signal Circuits, 4 DC Power Circuits, Press Fit Tail	<u>464379329</u>
