Part Number : 465629005

Product Description : 7.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly, 5 Signal Circuits

Series Number : 46562

Status : Active

Product Category : Board-to-Board Connectors

Documents & Resources

Drawings

Drawing 465629005_sd.pdf
Packaging Design Drawing PK-46562-001-000.pdf
Packaging Design Drawing PK-46562-002-000.pdf

3D Models and Design Files

3D Model 465629005_stp.zip

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Reviewed
China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

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	7.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly, 5 Signal Circuits
Application	Board-to-Board, Power
Comments	See PS-46436-100 for details
Component Type	PCB Receptacle
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	883906945077

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A, 55.0A
Grounding to PCB	No
Voltage - Maximum	600V AC / 250V DC

Physical

Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0

Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	7.50mm
Plating min - Mating	0.127µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	5p - 0s
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 Assemblies	46437

Application Tooling

Global

Description	Part Number

Removal Tool for EXTreme Ten60Power Power Receptacle Terminals	621007900

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Click to view pricing, inventory, delivery, and lifecycle information:

molex:

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349672001 355240920 502584-0870 502585-0370 194270031 194290026 34708-2028 351820290
357470310 5023860371 0351510214 0464363133 503988100 528061110