



Part Number : 465621085

Product Description : 2.54mm, 5.50mm Pitch
EXTreme Ten60Power Vertical Receptacle
Assembly with Guide Receivers, 9 Signal
Circuits, 4 Power Circuits

Series Number : 46562

Status : Active

Product Category : Board-to-Board
Connectors

Documents & Resources

Drawings

- Drawing 465621085_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 465621085_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	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	2.54mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly with Guide Receivers, 9 Signal Circuits, 4 Power Circuits
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Component Type	PCB Receptacle
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	884982208155

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)	13
Circuits (maximum)	13
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	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	14.566/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	2.54mm, 5.50mm
Plating min - Mating	0.127µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	2p - 9s - 2p
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Application Tooling

Global

Description	Part Number
Removal Tool for EXTreme Ten60Power Power Receptacle Terminals	<u>621007900</u>

This document was generated on Sep 16, 2024