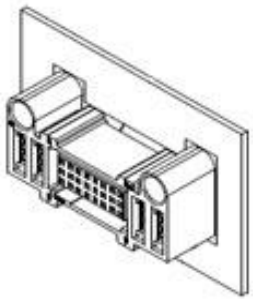
Part Number : 465623008
Product Description : 2.54mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly with Top Guide Receivers, 24 Signal Circuits, 6 Power Circuits
Series Number : 46562
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

465623008_sd.pdf

PK-46562-002-000.pdf

PK-46562-004-001.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)

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EU RoHS	Compliant per EU 2015/863

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	2.54mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly with Top Guide Receivers, 24 Signal Circuits, 6 Power Circuits
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Component Type	Receptacle
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	883906924256

Agency

CSA	LR19980
UL	E29179

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Electrical

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

Physical

Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Top, Yes
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
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
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	3p - 24s - 3p
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

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Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.54mm, 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Top Guide Pins, 3 DC Power Circuits, 24 Signal Circuits, 3 DC Power Circuits	464373008

Application Tooling

Global

Description	Part Number
Removal Tool for Vertical Signal Modules	621007800
Removal Tool for EXTreme Ten60Power Power Receptacle Terminals	621007900

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