Part Number : 464373131

Product Description : EXTreme Ten60Power Right-Angle Plug with Side Guides, 30 Signal Circuits, Press Fit Tail

Series Number : 46437

Status : Active

Product Category : Board-to-Board Connectors

Engineering Number : 046437-3131

Documents & Resources

Drawings

Drawing 464373131_sd.pdf
Packaging Design Drawing 464371001-PK-000.pdf
Packaging Design Drawing PK-46437-001-000.pdf
Packaging Design Drawing PK-46437-005-001.pdf

3D Models and Design Files

3D Model 464373131_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	46437
Description	EXTreme Ten60Power Right-Angle Plug with Side Guides, 30 Signal Circuits, Press Fit Tail
Application	Board-to-Board, Signal
Comments	See Product Specification for details
Component Type	PCB Header
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	193264257140

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	4.5A
Voltage - Maximum	120V

Physical

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	200

First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Side, Yes
Keying to Mating Part	None
Lock to Mating Part	No
Mated Height	10.00mm
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	7.418/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	0p - 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 Receptacle with Side Guides, 30 Signal Circuits, Press Fit Tail	464363131

EXTreme Ten60Power Vertical Receptacle with Side Guides, 30 Signal Circuits, Press Fit Tail	465623131

This document was generated on May 29, 2024