



Part Number : 464379002

Series Number : 46437

Product Category : Board-to-Board Connectors

Product Description : 5.50mm Pitch EXTreme Ten60Power Right-Angle Power Blade, 2 DC Power Circuits, Standard Solder Tail


Status : Active

Documents & Resources

- Drawings**
- Drawing 464379002_sd.pdf
 - Packaging Design Drawing PK-46437-001-000.pdf
- 3D Models and Design Files**
- 3D Model 464379002_stp.zip
- Specifications**
- 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	Not Relevant
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	46437
Description	5.50mm Pitch EXTreme Ten60Power Right-Angle Power Blade, 2 DC Power Circuits, Standard Solder Tail
Application	Board-to-Board, Signal
Comments	See PS-46436-100 for details
Component Type	PCB Header
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	884982388611

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A, 60.0A
Voltage - Maximum	600V DC

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200

First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Mated Height	18.00mm
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.136/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.84mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	5.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	0p - 2s
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	Contact Molex

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