



Part Number : 464371154

Series Number : 46437

Product Category : Board-to-Board
Connectors

Product Description : 2.00mm, 3.00mm,
7.50mm Pitch EXTreme Ten60Power Right-
Angle Plug Assembly with Guide Pins, 2 Power
Circuits, 25 Signal Circuits, 3 AC Power Circuits

Status : Active

Documents & Resources

Drawings

Drawing 464371154_sd.pdf

Packaging Design Drawing PK-46437-001-000.pdf


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	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

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	46437
Description	2.00mm, 3.00mm, 7.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 2 Power Circuits, 25 Signal Circuits, 3 AC Power Circuits
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Component Type	PCB Header
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	884982523012

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A, 60.0A
Voltage - Maximum	600V AC / 250V DC

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	18.00mm
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	21.693/g
Number of Rows	1, 5
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	2.54mm, 3.00mm, 7.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	2p - 25s - 3p
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Right-Angle Receptacle with Side Guides, 3 AC Power Circuits, 25 Signal Circuits, 2 Power Circuits	<u>464361154</u>
