



Part Number : 1201550012

Series Number : 46437

Status : Active - Proprietary

Product Category : Board-to-Board  
Connectors



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## Documents & Resources

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### 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)6225-DC (07 Nov 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

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### Part Details

#### General

Status	Active - Proprietary
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Category	Board-to-Board Connectors
Series	46437
Description	2.54mm, 5.50mm, 7.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 8 DC Power Circuits, 32 Signal Circuits, 3 AC Power Circuits
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Component Type	PCB Header
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	884982040144

### 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)	43
Circuits (maximum)	43
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Top, Yes
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	18.00mm
Material - Metal	Copper

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	48.189/g
Number of Rows	1, 4
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, 5.50mm, 7.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	3p - 32s - 8p
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

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### Mates With / Use With

#### Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Vertical Receptacle Assemblies	<u>46562</u>