



Part Number : [1724530218](#)
Product Description : EXTreme Ten60Power Wire-to-Board Right-Angle Plug Assembly, 1 Power Circuit, 18 Signal Circuits, 1 Power Circuit
Series Number : 172453
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[1724530218_sd.pdf](#)
[PK-46437-003-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)
[Symbol and Footprint \(Multi-Format\)](#)
[SYM-172453-0218-001.zip](#)

Specifications

[PS-173693-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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)6375-DC (05 Nov 2025)
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	PCB Headers and Receptacles
Series	172453
Description	EXTreme Ten60Power Wire-to-Board Right-Angle Plug Assembly, 1 Power Circuit, 18 Signal Circuits, 1 Power Circuit
Application	Power, Signal, Wire-to-Board
Component Type	PCB Header
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	889056069489

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	50.0A
Voltage - Maximum	600V AC / 250V DC

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	12.287/g
Number of Rows	1, 3
Orientation	Right Angle
Packaging Type	Tray
PCB Retention	Yes
PC Tail Length	2.84mm
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	1p - 18s - 1p
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	10
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Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Wire-to-Board Receptacle Housing, 18 Signal Circuits, 2 Power Circuits	<u>1725103218</u>