



Part Number : [1724580412](#)

Product Description : EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 2 Power Circuit, 12 Signal Circuits, 2 Power Circuit

Series Number : 172458

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[1724580412 sd.pdf](#)

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

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[SYM-172458-0412-001.zip](#)

Specifications

[1724520000-AS-000.pdf](#)

[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)4165-DC (25 June 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	172458
Description	EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 2 Power Circuit, 12 Signal Circuits, 2 Power Circuit
Application	Panel-to-Board, Power, Signal
Component Type	PCB Header
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	889056069632

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	17.918/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, 7.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	2p - 12s - 2p
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Lead-Free Process Capability	SMC&WAVE
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Max-Temp	260
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Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Panel-to-Board Receptacle Housings	<u>172512</u>