



**Part Number :** [1724520002](#)  
**Product Description :** EXTreme Ten60Power Wire-to-Board Right-Angle Plug Assembly, 2 Power Circuits  
**Series Number :** 172452  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources


**Drawings**  
[Drawing 1724520002\\_sd.pdf](#)  
[Packaging Design Drawing PK-46437-003-001.pdf](#)

**3D Models and Design Files**  
[3D Model 1724520002\\_stp.zip](#)  
[Symbol Footprint Data SYM-172452-0002-001.zip](#)

**Specifications**  
[Product Specification PS-173693-001-001.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

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	172452
Description	EXTreme Ten60Power Wire-to-Board Right-Angle Plug Assembly, 2 Power Circuits
Application	Power, Wire-to-Board
Component Type	PCB Header
Keyword	Ten60
Product Family	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
UPC	889056068512

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Current - Maximum per Contact	50.0A
Voltage - Maximum	600V AC

#### 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	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	7.894/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.84mm
PCB Retention	Yes
Pitch - Mating Interface	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 - 0s
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

## Solder Process Data

Max-Duration	10
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 Wire-to-Board Receptacle Housings	<u>172509</u>

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