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Part Number: [1724520003](#)
Status: **Active**
Overview: [EXTreme Ten60Power High-Current Connector](#)
Description: [EXTreme Ten60Power Wire-to-Board Right-Angle Plug Assembly, 3 Power Circuits](#)

Documents:

- [Drawing \(PDF\)](#)
[Product Specification PS-172452-0001 \(PDF\)](#)
[Product Specification PS-173693-001-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
[Product Literature \(PDF\)](#)

Agency Certification

CSA LR19980

General

Product Family	PCB Headers
Series	172452
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	50.0
Overview	EXTreme Ten60Power High-Current Connector
PITCH-MATING-NUMERIC	7.50
Product Literature Order No	987650-1981
Product Name	EXTreme Ten60Power
UPC	889056069434

Physical

(p)ower-(s)ignal Configuration	3p - 0s
Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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	13.329/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.84mm
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	7.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[172452](#) Series

Mates With

[EXTreme Ten60Power Receptacle Housing](#)
[172509](#)

Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-172452-0001, PS-173693-001-001
Sales Drawing	SD-172452-0001
Symbol/Footprint Data	SYM-172452-0003

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