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Part Number: [1724530424](#)
Status: **Active**
Overview: EXTreme Ten60Power High-Current Connector
Description: EXTreme Ten60Power Wire-to-Board Right-Angle Plug Assembly, 2 Power Circuit, 24 Signal Circuits, 2 Power Circuit

Documents:

3D Model	Packaging Specification PK-46437-003-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-172453-0424-001 (PDF)
Product Specification PS-173693-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

CSA LR19980

General

Product Family	PCB Headers
Series	172453
Application	Power, Signal, Wire-to-Board
Overview	EXTreme Ten60Power High-Current Connector
Product Name	EXTreme Ten60Power
UPC	889056041164

Physical

(p)ower-(s)ignal Configuration	2p - 24s - 2p
Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
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	19.334/g
Number of Rows	1, 3
Orientation	Right Angle
PC Tail Length	2.84mm
PCB Retention	Yes
Packaging Type	Tray
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
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172453](#) Series

Mates With

[EXTreme Ten60Power Receptacle Housing](#)
[1725103424](#)

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-46437-003-001
Product Specification	PS-173693-001-001
Sales Drawing	SD-172453-0424-001
Symbol/Footprint Data	SYM-172453-0424-001

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