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Part Number: [1724580424](#)
Status: **Active**
Overview: [EXTreme Ten60Power High-Current Connector](#)
Description: EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 2 Power Circuit, 24 Signal Circuits, 2 Power Circuit

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
UL	E29179

General

Product Family	PCB Headers
Series	172458
Application	Panel-to-Board, Power, Signal
CURRENT-MAX-NUMERIC	50.0
Overview	EXTreme Ten60Power High-Current Connector
PITCH-MATING-NUMERIC	2.54, 7.50
Product Literature Order No	987650-1981
Product Name	EXTreme Ten60Power
UPC	889056069656

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	Yes
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	21.733/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



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

China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[172458](#) Series

Mates With

EXTreme Ten60Power Receptacle Housing
[172512](#)

Temperature Range - Operating
Termination Interface: Style

-40° to +105°C
Through Hole

Electrical

Current - Maximum per Contact
Voltage - Maximum

50.0A
600V AC / 250V DC

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing
Symbol/Footprint Data

PS-172452-0001, PS-173693-001-001
SD-172458-0424
SYM-172458-0424

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