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Part Number: [1724580218](#)
Status: **Active**
Overview: [EXTreme Ten60Power High-Current Connector](#)
Description: EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 1 Power Circuit, 18 Signal Circuits, 1 Power Circuit

Documents:

- | | |
|---|--|
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-172452-0001 (PDF) | Product Literature (PDF) |
| Product Specification PS-173693-001-001 (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
Product Literature Order No	987650-1981
Product Name	EXTreme Ten60Power
UPC	889056069618

Physical

(p)ower-(s)ignal Configuration	1p - 18s - 1p
Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	14.861/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
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

Electrical

Current - Maximum per Contact

Voltage - Maximum

-40° to +105°C

Through Hole

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-172458-0218

SYM-172458-0218

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