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Part Number: [1724580412](#)
Status: **Active**
Overview: [EXTreme Ten60Power High-Current Connector](#)
Description: EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 2 Power Circuit, 12 Signal Circuits, 2 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, 7.50
Product Literature Order No	987650-1981
Product Name	EXTreme Ten60Power
UPC	889056069632

Physical

(p)ower-(s)ignal Configuration	2p - 12s - 2p
Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	17.918/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 Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172458](#) Series

Mates With

EXTreme Ten60Power Receptacle Housing
[172512](#)

Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	50.0A
Voltage - Maximum	600V AC / 250V DC
Solder Process Data	
Lead-freeProcess Capability	SMC&WAVE
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-172452-0001, PS-173693-001-001
Sales Drawing	SD-172458-0412
Symbol/Footprint Data	SYM-172458-0412

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