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Part Number: [1724580224](#)
Status: **Active**
Overview: EXTreme Ten60Power High-Current Connector
Description: EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 1 Power Circuit, 24 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 889056069625

Physical

(p)ower-(s)ignal Configuration 1p - 24s - 1p
 Breakaway No
 Circuits (Loaded) 26
 Circuits (maximum) 26
 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 15.889/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

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-172458-0224
SYM-172458-0224

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