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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

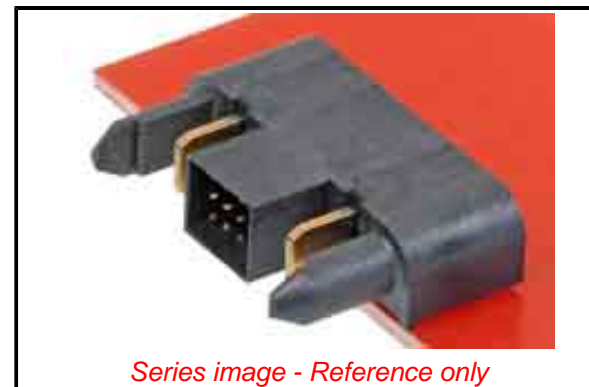
CSA LR19980
 UL E29179

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-free Process 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

This document was generated on 09/25/2019

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