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Part Number: [1724520005](#)
Status: **Active**
Overview: [EXTreme Ten60Power High-Current Connector](#)
Description: [EXTreme Ten60Power Wire-to-Board Right-Angle Plug Assembly, 5 Power Circuits](#)

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

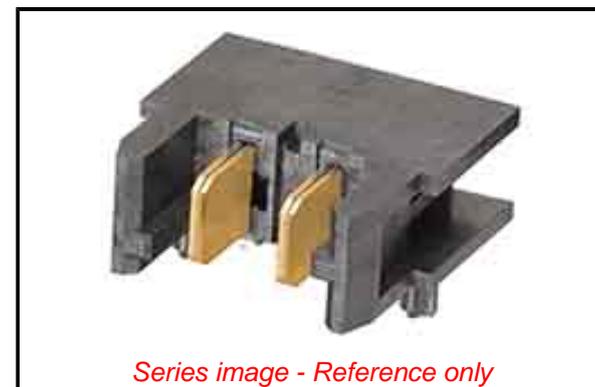
CSA LR19980

General

Product Family PCB Headers
 Series [172452](#)
 Application Power, Wire-to-Board
 CURRENT-MAX-NUMERIC 50.0
 Overview [EXTreme Ten60Power High-Current Connector](#)
 PITCH-MATING-NUMERIC 7.50
 Product Literature Order No 987650-1981
 Product Name EXTreme Ten60Power
 UPC 889056069458

Physical

(p)ower-(s)ignal Configuration 5p - 0s
 Breakaway No
 Circuits (Loaded) 5
 Circuits (maximum) 5
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Liquid Crystal Polymer
 Net Weight 20.011/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 2.84mm
 PCB Retention Yes
 Packaging Type Tray
 Pitch - Mating Interface 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
 Temperature Range - Operating -40° to +105°C
 Termination Interface: Style Through Hole



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

[172452 Series](#)

Mates With

[EXTreme Ten60Power Receptacle Housing 172509](#)

Electrical

Current - Maximum per Contact

50.0A

Voltage - Maximum

600V AC

Material Info**Reference - Drawing Numbers**

Product Specification

PS-172452-0001, PS-173693-001-001

Sales Drawing

SD-172452-0001

Symbol/Footprint Data

SYM-172452-0005

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