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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 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [172458](#)
 Application Panel-to-Board, Power, Signal
 Overview [EXTreme Ten60Power High-Current Connector](#)
 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
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image
 ELV Not Relevant
 RoHS Phthalates Not Contained

Search Parts in this Series

[172458](#) Series

Mates With

EXTreme Ten60Power Receptacle Housing
[172512](#)

Electrical

Current - Maximum per Contact
Voltage - Maximum

50.0A
600V AC / 250V DC

Solder Process Data

Lead-free Process Capability
Process Temperature max. C

SMC&WAVE
260

Material Info**Reference - Drawing Numbers**

Product Specification
Sales Drawing

PS-172452-0001
SD-172458-0412

This document was generated on 06/20/2018

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