

This document was generated on 03/19/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 1724580212

Status: **Active**

Overview: EXTreme Ten60Power High-Current Connector

EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 1 **Description:**

Power Circuit, 12 Signal Circuits, 1 Power Circuit

Documents:

Drawing (PDF) RoHS Certificate of Compliance (PDF)

Product Literature (PDF) Product Specification PS-172452-0001 (PDF)

Product Specification PS-173693-001-001 (PDF)

Agency Certification

LR19980 **CSA** UL E29179

General

PCB Headers Product Family Series 172458

Application Panel-to-Board, Power, Signal

Overview EXTreme Ten60Power High-Current Connector

Product Literature Order No 987650-1981

EXTreme Ten60Power **Product Name**

UPC 889056069601

Physical

(p)ower-(s)ignal Configuration 1p - 12s - 1p

Breakaway No Circuits (Loaded) 14 Circuits (maximum) 14 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

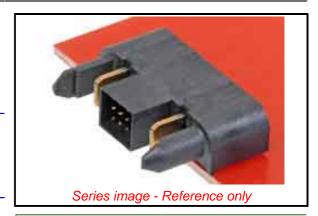
Material - Resin Liquid Crystal Polymer

Net Weight 13.785/a Number of Rows 1, 3 Orientation Right Angle 2.84mm PC Tail Length **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 Nο Stackable No

Temperature Range - Operating -40° to +105°C Termination Interface: Style Through Hole

No

Surface Mount Compatible (SMC)



EU ELV

Not Relevant

EU RoHS China 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 Green Image Not Relevant ELV RoHS Phthalates Not Contained

Search Parts in this Series

172458 Series

Mates With

EXTreme Ten60Power Receptacle Housing

Electrical

Current - Maximum per Contact 50.0A

Voltage - Maximum 600V AC / 250V DC

Material Info

Reference - Drawing Numbers

Product Specification PS-172452-0001, PS-173693-001-001

Sales Drawing SD-172458-0212

This document was generated on 03/19/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION