

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [171088-0022](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: EXTreme Ten60Power™ Board-to-Board Right-Angle Plug Assembly with Guide Pins, 30 Signal Circuits, 12 Power Circuits

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [171088](#)
 Application Board-to-Board, Power, Signal
 Overview [EXTreme Ten60Power™ High-Current Connector](#)
 Product Name EXTreme Ten60Power™
 UPC 887191314419

Physical

Breakaway No
 Circuits (Loaded) 42
 Circuits (maximum) 42
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part Yes
 Keying to Mating Part None
 Lock to Mating Part No
 Mated Height 18.00mm
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Liquid Crystal Polymer
 Net Weight 43.490/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 2.84mm
 PCB Locator Yes
 PCB Retention None
 PCB Thickness - Recommended 1.58mm
 Packaging Type Tray
 Pitch - Mating Interface 2.00mm, 5.50mm, 7.50mm
 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 - Compliant Pin

Electrical

Current - Maximum per Contact 2.5A, 60A

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[171088Series](#)

Mates With

[171089](#) Vertical Receptacle, [171090](#) right-Angle Receptacle

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-171088-0022

This document was generated on 01/21/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION