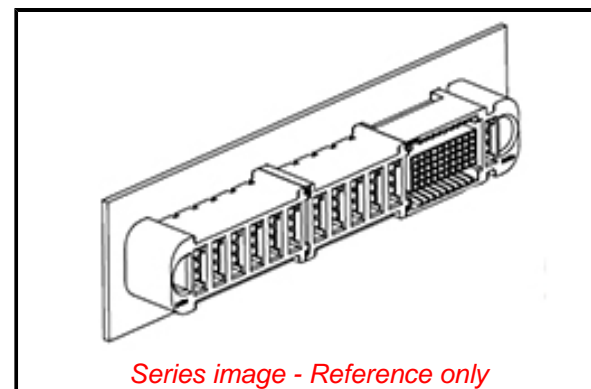


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1710890024](#)
Status: **Active**
Overview: EXTreme Ten60Power High-Current Connector
Description: EXTreme Ten60SplitPower Board-to-Board Vertical Receptacle Assembly with Guide Pins, 12 Power Circuits, 50 Signal Circuits

Documents:

Drawing (PDF)	Packaging Specification PK-171089-0001-001 (PDF)
Product Specification PS-171088-0000-001 (PDF)	Datasheet (PDF)
Product Specification PS-46436-100-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-46436-100-001 (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	171089
Application	Board-to-Board, Power, Signal
Overview	EXTreme Ten60Power High-Current Connector
Product Name	EXTreme Ten60Power
UPC	887191314488

Physical

Circuits (Loaded)	62
Circuits (maximum)	62
Color - Resin	Black
Durability (mating cycles max)	200
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	High Temperature Thermoplastic
Net Weight	33.190/g
Number of Rows	1, 5
Orientation	Vertical
PCB Locator	No
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
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.5A, 60.0A
Voltage - Maximum	600V

Solder Process Data

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[171089](#) Series

Mates With

[171088](#) Board-to-Board Header

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Application Specification

AS-46436-100-001

Packaging Specification

PK-171089-0001-001

Product Specification

PS-171088-0000-001, PS-46436-100-001

This document was generated on 10/05/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION