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Part Number: [0765461127](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.50mm, 3.00mm Pitch EXTreme Ten60Power™ Vertical Plug Assembly, 6 Signal Circuits, 1 Power Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-46436-100-001 \(PDF\)](#)
[Application Specification AS-46436-100-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [76546](#)
Application Board-to-Board
Overview [EXTreme Ten60Power™ High-Current Connector](#)
Product Name EXTreme Ten60Power™
UPC 884982271456

Physical

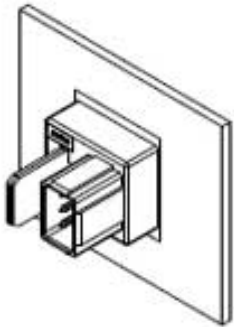
Breakaway No
Circuits (Loaded) 7
Circuits (maximum) 7
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Gold over Nickel, Tin
Material - Resin High Temperature Thermoplastic
Net Weight 4.286/g
Number of Rows 2
Orientation Vertical
PC Tail Length 3.10mm, 4.00mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.58mm
Packaging Type Tray
Pitch - Mating Interface 2.50mm, 3.00mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Termination Interface: Style Solder or Weld, Through Hole

Electrical

Current - Maximum per Contact 2.5A, 60.0A

Solder Process Data

Duration at Max. Process Temperature (seconds) 040
Lead-freeProcess Capability SMC&WAVE
Max. Cycles at Max. Process Temperature 003



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

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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

[76546](#) Series

Mates With

[46562-1127](#) EXTreme Ten60Power™
Vertical Receptacle

Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-46436-100-001
Product Specification	PS-46436-100-001
Sales Drawing	SD-76546-1127

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