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Part Number: [76546-0010](#)
Status: **Active**
Description: 2.54mm, 3.00mm Pitch EXTreme Ten60Power™ Vertical Plug Assembly, 20 Signal Circuits, 10 Power Circuits

Documents:

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

Agency Certification

CSA LR19980
TUV R72081037
UL E29179

General

Product Family PCB Headers
Series [76546](#)
Application Board-to-Board
Comments Short Power: P6-P10 Short Signal: S4S10, S14S20
Product Name EXTreme Ten60Power™
UPC 884982253773

Physical

(p)ower-(s)ignal Configuration 10p - 20s
Breakaway No
Circuits (Loaded) 30
Circuits (maximum) 30
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break Yes
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 33.510/g
Number of Rows 2
Orientation Vertical
PC Tail Length 3.25mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.58mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm, 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, 60A

Solder Process Data

Duration at Max. Process Temperature (seconds) 40

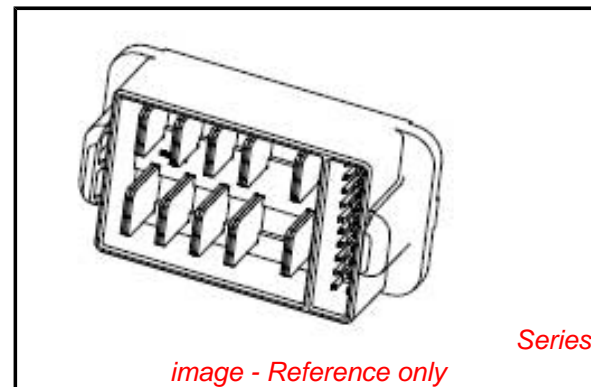


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EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
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

[76546Series](#)

Mates With

[76541-0003](#) EXTreme Ten60Power™ Plug Assembly

Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-46436-100
Product Specification	PS-46436-100
Sales Drawing	SD-76546-0001

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