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Part Number: [76546-1129](#)
Status: **Active**
Description: 2.50mm, 7.50mm Pitch EXTreme Ten60Power™ Vertical Plug Assembly, 2 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	R7208103
UL	E29179

General

Product Family	PCB Headers
Series	76546
Application	Board-to-Board
Product Name	EXTreme Ten60Power™
UPC	884982271463

Physical

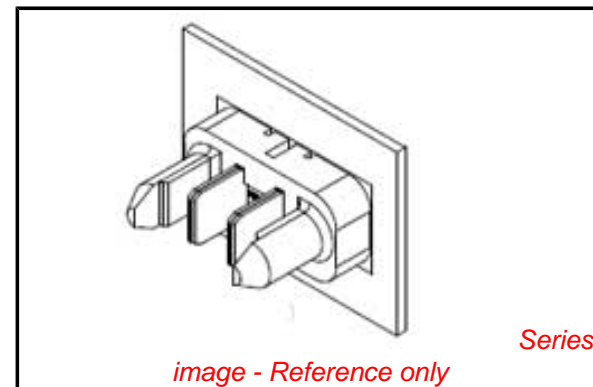
(p)ower-(s)ignal Configuration	2p - 0s
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel, Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.497/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.10mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm, 7.50mm
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
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Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	SMC & Wave Capable (TH only)



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not 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

[465621129 EXTreme Ten60Power™ Vertical Receptacle](#)

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-76546-1129

This document was generated on 01/23/2013

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