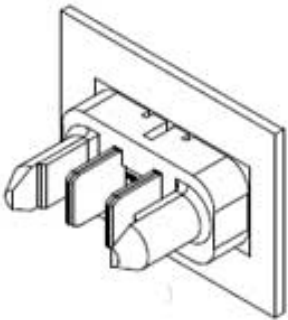


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Part Number: [0765461129](#)
Status: **Active**
Overview: [EXTreme Ten60Power™ High-Current Connector](#)
Description: 2.50mm, 7.50mm Pitch EXTreme Ten60Power™ Vertical Plug Assembly, 2 Power Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-46436-100 \(PDF\)](#)
[Application Specification AS-46436-100 \(PDF\)](#)
[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	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, 60.0A
Solder Process Data	
Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	SMC&WAVE



Series image - Reference only

EU ELV
Not Relevant

EU RoHS
Compliant
REACH SVHC
Contains SVHC(2014 December 17): No
Halogen-Free
Status
Not Low-Halogen
Need more information on product 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

Search Parts in this Series
[76546](#) Series

Mates With
[46562-1129](#) EXTreme Ten60Power™
Vertical Receptacle

Max. Cycles at Max. Process Temperature	003
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 06/30/2015

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