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Part Number: [46562-1084](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.54mm, 5.50mm, 7.50mm Pitch EXTreme Ten60Power™ Vertical Receptacle Assembly with Guide Receivers, 3 AC Power Circuits, 4 DC Power Circuits, 24 Signal 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 Receptacles
Series	46562
Application	Board-to-Board, Power, Signal
Application Tooling Part Link	621007800
Comments	See PS-464360-100 for details
Overview	EXTreme Ten60Power™ High-Current Connector
Product Name	EXTreme Ten60Power™
UPC	884982045422

Physical

(p)ower-(s)ignal Configuration	7p - 24s
Circuits (Loaded)	31
Circuits (maximum)	31
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	40.000/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 5.50mm, 7.50mm
Plating min - Mating	0.127µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

[46562Series](#)

Mates With

[464371084](#) EXTreme Ten60Power™ Right Angle Plug Assembly

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
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Removal Tool for Vertical Signal Modules	0621007800
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Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2.5A, 55A
Grounding to PCB No
Voltage - Maximum 600V AC / 250V DC

Material Info

Reference - Drawing Numbers

Application Specification AS-46436-100
Product Specification PS-46436-100
Sales Drawing SD-46562-1084

This document was generated on 10/11/2012

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