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Part Number: [0465621084](#)
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

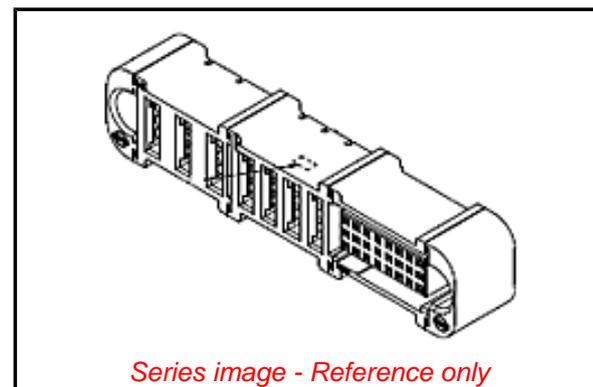
CSA LR19980
TUV R72081037
UL E29179

General

Product Family PCB Receptacles
Series [46562](#)
Application Board-to-Board, Power, Signal
Application Tooling Part Link [62100-7800](#)
Application Tooling Part Link [62100-7900](#)
Comments See PS-46436-100 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

Not Reviewed

ELV

Not Relevant

Search Parts in this Series

[46562](#) Series

Mates With

[46437-1084](#) 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 #
Removal Tool for Vertical Signal Modules	0621007800
Removal Tool for Ten60 Power™ Receptacle Terminals	0621007900

Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 2.5A, 55.0A
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

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