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Part Number: [46562-3006](#)
Status: **Active**
Overview: [EXTreme Ten60Power™ High-Current Connector](#)
Description: 2.54mm, 5.50mm Pitch EXTreme Ten60Power™ Vertical Receptacle Assembly with Guide Receivers, 24 Signal Circuits, 6 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
TUV	R72081037
UL	E29179

General

Product Family	PCB Receptacles
Series	46562
Application	Board-to-Board, Power, Signal
Application Tooling Part Link	62100-7800
Comments	See PS-46436-100 for details
Overview	EXTreme Ten60Power™ High-Current Connector
Product Name	EXTreme Ten60Power™
UPC	883906924232

Physical

(p)ower-(s)ignal Configuration	24s - 6p
Circuits (Loaded)	30
Circuits (maximum)	30
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	30.000/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
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
Temperature Range - Operating	-40°C to +105°C

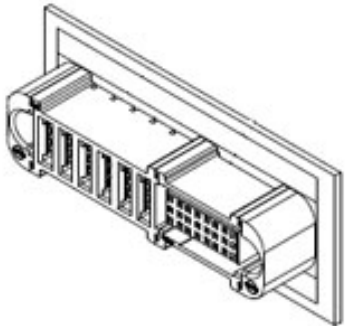


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Series

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
46437-3006 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

Termination Interface: Style	Through Hole - Compliant Pin
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-46562-306

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