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Part Number: [46562-3004](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.54mm, 5.50mm Pitch EXTreme Ten60Power™ Vertical Receptacle with Top Guide Receivers, 24 Signal Circuits, 4 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

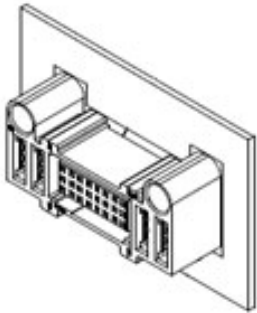
CSA	LR19980
TUV	R72081037
UL	E29179

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	883906924218

Physical

(p)ower-(s)ignal Configuration	2p - 24s - 2p
Circuits (Loaded)	28
Circuits (maximum)	28
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



Series

image - Reference only

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

46437-3004 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	0621007800
Vertical Signal Modules	

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-46562-304

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