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Part Number: [0465621103](#)
Status: **Active**
Overview: EXTreme Ten60Power™ High-Current Connector
Description: 2.54mm, 5.50mm Pitch EXTreme Ten60Power™ Vertical Receptacle Assembly with Guide Receivers, 48 Signal Circuits, 12 Power Circuits

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-46562-002-001 \(PDF\)](#)
[Product Specification PS-46436-100-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-46436-100-001 \(PDF\)](#)

Agency Certification

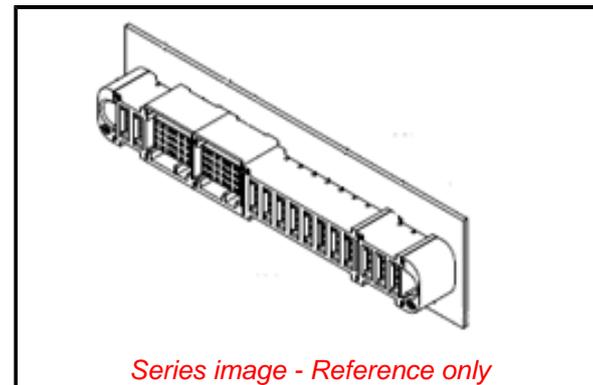
CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [46562](#)
 Application Board-to-Board, Power, Signal
 Application Tooling Part Link [62100-7900](#)
 Comments See PS-46436-100 for details
 Overview [EXTreme Ten60Power™ High-Current Connector](#)
 Product Name EXTreme Ten60Power™
 UPC 884982208162

Physical

(p)ower-(s)ignal Configuration 2p - 24s - 24s - 10p
 Circuits (Loaded) 61
 Circuits (maximum) 61
 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 31.406/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
 Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

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
 RoHS Phthalates Not Contained

Search Parts in this Series

[46562](#) Series

Mates With

[46437-1103](#) 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 Ten60 Power Receptacle Terminals	0621007900

Electrical

Current - Maximum per Contact	2.5A, 55.0A
Grounding to PCB	No
Voltage - Maximum	600V AC / 250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	AS-46436-100-001
Packaging Specification	PK-46562-002-001
Product Specification	PS-46436-100-001
Sales Drawing	SD-46562-1103

This document was generated on 07/18/2017

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