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Part Number: [46562-1001](#)
Status: **Active**
Overview: [EXTreme Ten60Power™ High-Current Connector](#)
Description: 2.00mm Pitch EXTreme Ten60Power™ Vertical Receptacle Assembly with Guide Receivers, 10 Signal Circuits, 2 Power Circuits

Documents:

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

Agency Certification

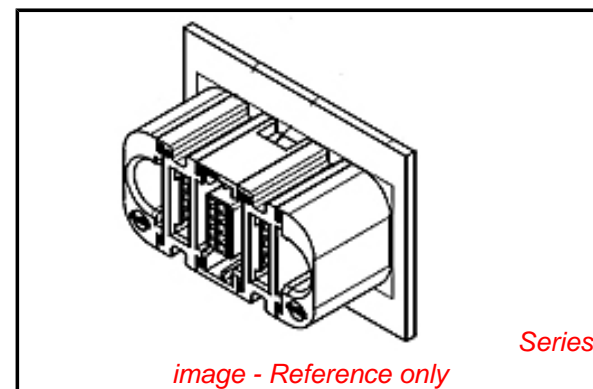
CSA LR19980
 UL E29179

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 884982606340

Physical

(p)ower-(s)ignal Configuration 1p - 10s - 1p
 Circuits (Loaded) 12
 Circuits (maximum) 12
 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 1.000/g
 Number of Rows 1
 Orientation Vertical
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.58mm
 Packaging Type Tray
 Pitch - Mating Interface 2.00mm
 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



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](#)

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

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-46562-1001

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