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Part Number: [0465623001](#)
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, 4 Power Circuits

Documents:

3D Model	Packaging Specification PK-46562-001-000 (PDF)
3D Model (PDF)	Packaging Specification PK-46562-002-000 (PDF)
Drawing (PDF)	Test Summary 464361000-TS-000 (PDF)
Product Specification PS-46436-100-001 (PDF)	Datasheet (PDF)
Application Specification AS-46436-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

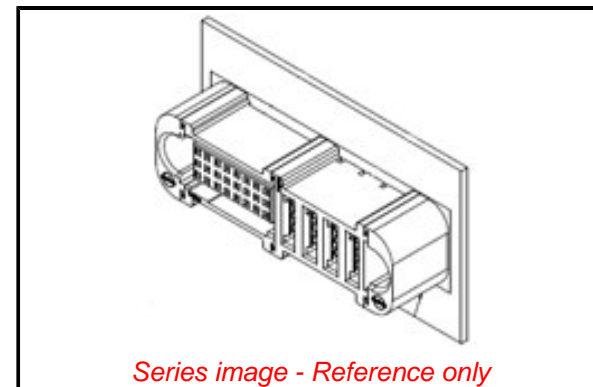
Application Tooling Part Link	62100-7800
Application Tooling Part Link	62100-7900

General

Product Family	PCB Receptacles
Series	46562
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Overview	EXTreme Ten60Power High-Current Connector
Product Name	EXTreme Ten60Power
UPC	883906923983

Physical

(p)ower-(s)ignal Configuration	4p - 24s
Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	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	18.882/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46562](#) Series

Mates With

[464373001](#) 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	621007800
Removal Tool for Ten60 Power Receptacle Terminals	621007900

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° 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-46436-100-001
Packaging Specification	PK-46562-001-000, PK-46562-002-000
Product Specification	PS-46436-100-001
Sales Drawing	SD-46562-301-001
Test Summary	464361000-TS-000

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