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Part Number:

0465623008

Status:

Active

Overview:

EXTreme Ten60 High-Power Connectors

Description:

2.54mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly with Top Guide Receivers, 24 Signal Circuits, 6 Power Circuits

Documents:	
3D Model	Packaging Specification PK-46562-002-000 (PDF)
3D Model (PDF)	Packaging Specification PK-46562-004-001 (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

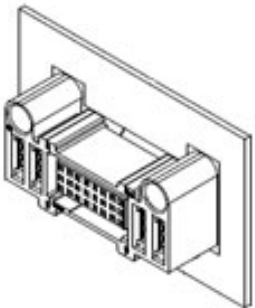
Application Tooling Part Link	62100-7800
Application Tooling Part Link	62100-7900

General

Product Family	PCB Receptacles
Series	46562
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Component Type	PCB Receptacle
Overview	EXTreme Ten60 High-Power Connectors
Product Name	EXTreme Ten60Power
Taxonomy	Board-to-Board Connectors
UPC	883906924256

Physical

(p)ower-(s)ignal Configuration	3p - 24s - 3p
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Top, 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[46562](#) Series

Mates With

[464373008](#) 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

Polarized to Mating Part	Yes
Polarized to PCB	Yes
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
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-46436-100-001
Packaging Specification	PK-46562-002-000, PK-46562-004-001
Product Specification	PS-46436-100-001
Sales Drawing	SD-46562-308-001
Test Summary	464361000-TS-000

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