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Part Number:

0465623009

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, 6 Power Circuits

Documents:

3D Model

Application Specification AS-46436-100-001 (PDF)

Drawing (PDF)

Packaging Specification PK-46562-002-000 (PDF)

Product Specification PS-46436-100-001 (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

62100-7900

Comments

See PS-46436-100 for details

Overview

EXTreme Ten60Power High-Current Connector

Product Name

EXTreme Ten60Power

UPC

883906924263

Physical

(p)ower-(s)ignal Configuration

6p - 24s

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

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)

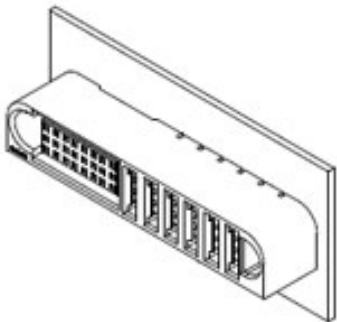
No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China RoHS

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

Search Parts in this Series

46562 Series

Mates With

46437-3009 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

Material Info

Reference - Drawing Numbers

Application Specification	AS-46436-100-001
Packaging Specification	PK-46562-002-000
Product Specification	PS-46436-100-001
Sales Drawing	SD-46562-309

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