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Part Number:

1724580412

Status:

Active

Overview:

EXTreme Ten60 High-Power Connectors

Description:

EXTreme Ten60Power Panel-to-Board Right-Angle Plug Assembly with Guide Pins, 2 Power Circuit, 12 Signal Circuits, 2 Power Circuit

Documents:

- 3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-173693-001-001 (PDF)

Application Specification 1724520000-AS-000 (PDF)
- Packaging Specification PK-46437-003-001 (PDF)

Datasheet (PDF)

Symbol Footprint Data SYM-172458-0412-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

172458

Application

Panel-to-Board, Power, Signal

Component Type

PCB Header

Overview

EXTreme Ten60 High-Power Connectors

Product Name

EXTreme Ten60Power

Taxonomy

Board-to-Board Connectors

UPC

889056069632

Physical

(p)ower-(s)ignal Configuration

2p - 12s - 2p

Breakaway

No

Circuits (Loaded)

16

Circuits (maximum)

16

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

Side, Yes

Keying to Mating Part

None

Lock to Mating Part

No

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Liquid Crystal Polymer

Net Weight

17.918/g

Number of Rows

1, 3

Orientation

Right Angle

PC Tail Length

2.84mm

PCB Retention

Yes

Packaging Type

Tray

Pitch - Mating Interface

2.54mm, 7.50mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

No

Stackable

No



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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

172458 Series

Mates With

EXTreme Ten60Power Receptacle Housing
172512

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	50.0A
Voltage - Maximum	600V AC / 250V DC
Solder Process Data	
Lead-freeProcess Capability	SMC&WAVE
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	1724520000-AS-000
Packaging Specification	PK-46437-003-001
Product Specification	PS-173693-001-001
Sales Drawing	SD-172458-0412-001
Symbol/Footprint Data	SYM-172458-0412-001

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