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Part Number:

0459858223

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

EXTreme LPHPower Header, Right-Angle, 8 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, for 1.57mm Thick PC Board, with Guide Pockets

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45984-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

3D Viewer

Application

CURRENT-MAX-NUMERIC

Overview

PITCH-MATING-NUMERIC

Product Name

UPC

PCB Headers

45985

Yes

Board-to-Board, Power

23.0

EXTreme LPHPower Connectors

1.27, 12.00

EXTreme LPHPower

822350779135

Physical

(p)ower-(s)ignal Configuration

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

8p - 16s

No

24

24

Black

250

No

94V-0

No

Yes

None

No

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

10.554/g

2

Right Angle

2.90mm

No

None

1.57mm

Tray

1.27mm, 12.00mm

0.762µm

3.810µm

Yes

Yes

Fully

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -  
ED/71/2019 (16 July  
2019)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

45985 Series

Mates With

45984 EXTreme LPHPower PCB  
Receptacles

|                                                |                  |
|------------------------------------------------|------------------|
| Surface Mount Compatible (SMC)                 | Yes              |
| Temperature Range - Operating                  | -40° to +105°C   |
| Termination Interface: Style                   | Through Hole     |
| <b>Electrical</b>                              |                  |
| Current - Maximum per Contact                  | 23.0A            |
| Voltage - Maximum                              | 250V AC (RMS)/DC |
| <b>Solder Process Data</b>                     |                  |
| Duration at Max. Process Temperature (seconds) | 020              |
| Lead-freeProcess Capability                    | WAVE             |
| Max. Cycles at Max. Process Temperature        | 003              |
| Process Temperature max. C                     | 260              |
| <b>Material Info</b>                           |                  |
| <b>Reference - Drawing Numbers</b>             |                  |
| Product Specification                          | PS-45984-001-001 |
| Sales Drawing                                  | SD-45985-800     |
| Symbol/Footprint Data                          | SYM-45985-8221   |

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