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Part Number:

0459840323

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

1.27mm Pitch, EXTreme LPHPower Receptacle Header with Pegs, Right-Angle, 16 Signal Contacts, Select Gold (Au) Plating, for 1.57mm Thick PC Board

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

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

Packaging Specification PK-45984-002-001 (PDF)

Symbol Footprint Data SYM-45984-0321-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Receptacles

45984

Board-to-Board, Power

PCB Receptacle

EXTreme LPHPower Connectors

EXTreme LPHPower

Board-to-Board Connectors

884982067240

Physical

(p)ower-(s)ignal Configuration

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

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

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

16s - 0s

16

16

Black

250

94V-0

No

No

None

No

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

1.676/g

2

Right Angle

2.90mm

No

None

1.57mm

Tray

1.27mm

0.762µm

3.810µm

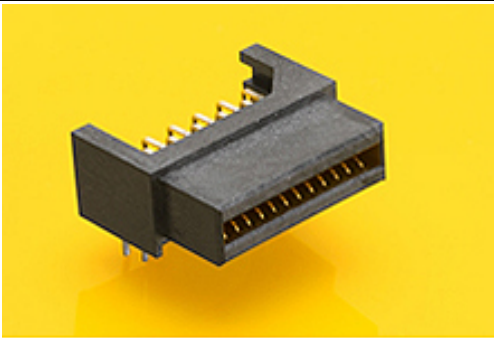
Yes

Yes

No

Yes

-40° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

45984 Series

Mates With

45985 EXTreme LPHPower Headers, 1.57mm Card Edge

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	1.0A
Grounding to PCB	No
Voltage - Maximum	250V AC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-45984-002-001
Product Specification	PS-45984-001-001
Sales Drawing	SD-45984-483-001
Symbol/Footprint Data	SYM-45984-0321-001

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