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Part Number:

0459110047

Status:

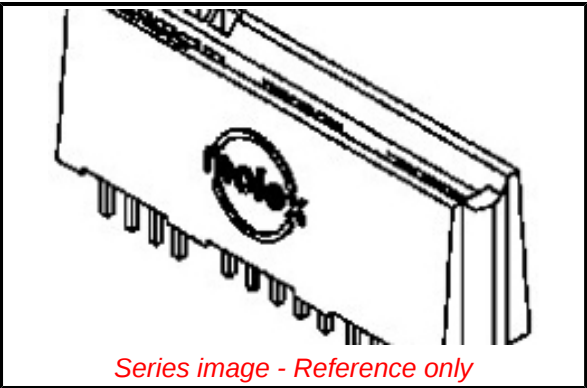
Active

Overview:

Edge Card Connectors

Description:

EXTreme PowerEdge Mixed Power/Signal Card Edge Connector, Double Sided, 4 Segments Thick PC Board



Series image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [3D Model \(PDF\)](#)
- [Product Specification PS-45719-001-001 \(PDF\)](#)
- [Packaging Specification PK-45714-001-001 \(PDF\)](#)
- [Test Summary TS-45844-001-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Edge Card Connectors

Series

45911

Component Type

Edgecard to PCB

Data Rate

Unrated

Edge Card Thickness

1.57mm

High Power Bay (30.0A or more)

Yes

Orientation

Vertical

Overview

Edge Card Connectors

Product Name

EXTreme PowerEdge

Standard Based

General

UPC

822350709798

Physical

(p)ower-(s)ignal Configuration

8s - 2p - 8s - 2p

Circuit Size Range

1-64 Circuits

Circuits (Loaded)

20

Circuits (maximum)

20

Color - Resin

Black

Durability (mating cycles max)

250

Entry Angle

Vertical (Top Entry)

Flammability

94V-0

Keying to Mating Part

N/A

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

8.440/g

PC Tail Length

3.19mm

PCB Thickness - Recommended

1.57mm

Packaging Type

Tray

Pitch - Mating Interface

12.90mm

Plating min - Mating

0.762µm

Plating min - Termination

3.810µm

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

3.0A, 40.0A

Voltage - Maximum

250V

Solder Process Data

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

45911 Series

Mates With

1.58mm Double Sided Card Edge

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45714-001-001
Product Specification	PS-45719-001-001
Sales Drawing	SD-45911-001-001, SD-45911-002
Test Summary	TS-45844-001-001

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