

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0457190001

Status:

Active

Overview:

Description:

12.90mm Pitch EXTreme PowerEdge Connector, 2 Segments, 4.50mm Tail Length, Through Hole, Mates to 1.57mm Thick Card Edge or Bus Bar Tab

Agency Certification

CSA

LR19980

TUV

R72090228

General

Product Family

Edge Card Connectors

Series

45719

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

Bus Bar Socket, EXTreme PowerEdge

Standard Based

General

UPC

822348678358

Physical

(p)ower-(s)ignal Configuration

4p - 0s

Circuit Size Range

1-64 Circuits

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Black

Durability (mating cycles max)

50

Entry Angle

Vertical (Top Entry)

Flammability

94V-0

Keying to Mating Part

N/A

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

5.072/g

PC Tail Length

4.50mm

PCB Thickness - Recommended

2.36mm, 3.18mm

Packaging Type

Tray

Pitch - Mating Interface

12.90mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

40.0A

Voltage - Maximum

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

005

Lead-freeProcess Capability

WAVE

Max. Cycles at Max. Process Temperature

001

Process Temperature max. C

250

Material Info

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

45719 Series

Mates With

1.57mm Double Sided Card Edge or Bus
Bar Tab

Reference - Drawing Numbers

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

This document was generated on 01/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[45719-0001](#)