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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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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

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