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Part Number: [45719-0001](#)
Status: **Active**
Overview: Edge Card Connectors
Description: 12.90mm Pitch EXTreme PowerEdge™, Connector, 2 Segments Thick PC Board, Mates to a 1.57mm Thick Card Edge or Bus Bar Tab

Documents:

[3D Model](#) [Product Specification PS-45719-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV R72090228

General

Product Family Edge Card Connectors
Series [45719](#)
Component Type Edgecard to PCB
Overview [Edge Card Connectors](#)
Product Name Bus Bar Socket, EXTreme PowerEdge™
UPC 822348678358

Physical

(p)ower-(s)ignal Configuration 4p - 0s
Circuits (Loaded) 4
Circuits (maximum) 4
Color - Resin Black
Durability (mating cycles max) 200
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 3.20mm
Packaging Type Tray
Pitch - Mating Interface 12.90mm
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

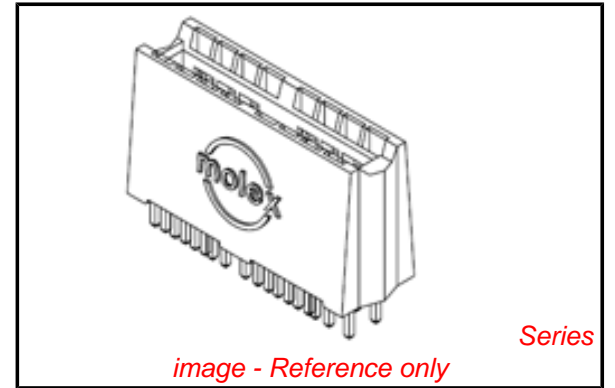
Electrical

Current - Maximum per Contact 40A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 250

Material Info



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

45719Series

Mates With

1.58mm Double Sided Card Edge or Bus Bar Tab

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-45719-001
SD-45719-001

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