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Part Number: [45845-0003](#)
Status: **Active**
Overview: Edge Card Connectors
Description: 2.50mm Pitch EXTreme PowerEdge™, Signal Connector, Double Sided, 4 Segments, 8 Signal Contacts per Segment, Press-Fit

Documents:

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

Agency Certification

CSA LR19980
TUV 30482572

General

Product Family Edge Card Connectors
Series [45845](#)
Component Type Edgecard to PCB
Overview [Edge Card Connectors](#)
Product Name EXTreme PowerEdge™
UPC 822348846535

Physical

(p)ower-(s)ignal Configuration 32s - 0p
Circuits (Loaded) 32
Circuits (maximum) 32
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 6.312/g
PC Tail Length 4.50mm
PCB Thickness - Recommended 2.40mm
Packaging Type Tray
Pitch - Mating Interface 2.50mm
Plating min - Mating 0.762µm
Plating min - Termination 3.810µm
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

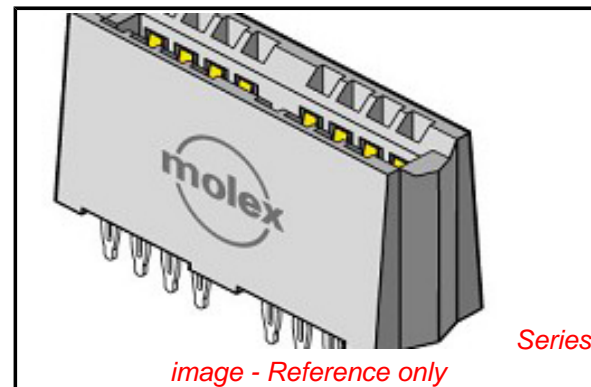
Electrical

Current - Maximum per Contact 3A
Voltage - Maximum 250V

Material Info

Reference - Drawing Numbers

Product Specification PS-45719-001
Sales Drawing SD-45845-001



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

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

45845Series

Mates With

1.58mm Double Sided Card Edge

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