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Part Number: [45912-0027](#)
Status: **Active**
Overview: Edge Card Connectors
Description: 12.90mm Pitch EXTreme PowerEdge™, Mixed Power/Signal Card Edge Connector, Double Sided, 4 Segments (Power, Power, Signal, Signal Sequence), Press-Fit

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Edge Card Connectors
Series [45912](#)
Component Type Edgecard to PCB
Overview [Edge Card Connectors](#)
Product Name EXTreme PowerEdge™
UPC 822350709941

Physical

(p)ower-(s)ignal Configuration 2p - 2p - 8s - 8s
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 High Performance Alloy (HPA), Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 8.684/g
PC Tail Length 4.50mm
PCB Thickness - Recommended 2.40mm
Packaging Type Tray
Pitch - Mating Interface 12.90mm
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

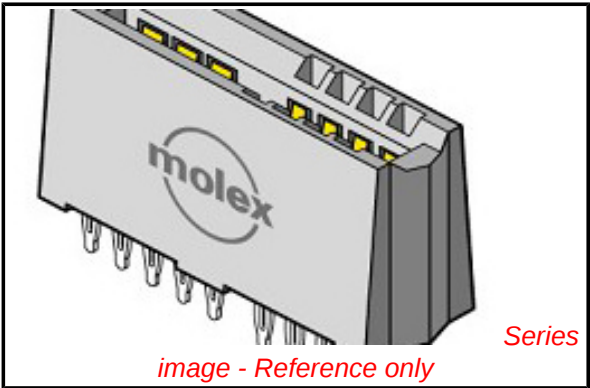
Electrical

Current - Maximum per Contact 3A, 40A
Voltage - Maximum 250V

Material Info

Reference - Drawing Numbers

Sales Drawing RSD-45912-1001, SD-45912-001



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
[45912Series](#)

Mates With
1.58mm Double Sided Card Edge

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