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**Part Number:** [45912-0031](#)  
**Status:** **Active**  
**Overview:** Edge Card Connectors  
**Description:** 12.90mm Pitch EXTreme PowerEdge™, Mixed Power/Signal Card Edge Connector, Double Sided, 4 Segments (Power, Signal, 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 822350709989

**Physical**

(p)ower-(s)ignal Configuration 2p - 8s - 8s - 8s  
Circuits (Loaded) 26  
Circuits (maximum) 26  
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 8.063/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

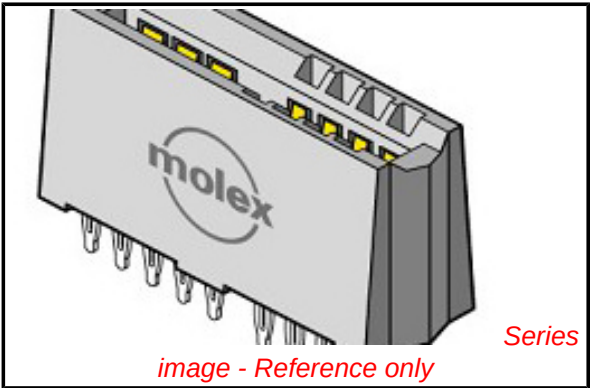
**Electrical**

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?**  
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**Search Parts in this Series**  
[45912Series](#)

**Mates With**  
1.58mm Double Sided Card Edge

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