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**Part Number:** [45912-0035](#)  
**Status:** **Active**  
**Overview:** Edge Card Connectors  
**Description:** 12.90mm Pitch EXTreme PowerEdge™, Mixed Power/Signal Card Edge Connector, Double Sided, 4 Segments (Signal, Signal, Power, Signal Sequence), Press-Fit

**Documents:**

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

**Agency Certification**

CSA LR19980  
TUV 30482572  
UL E29179

**General**

Product Family Edge Card Connectors  
Series [45912](#)  
Component Type Edgecard to PCB  
Overview [Edge Card Connectors](#)  
Product Name EXTreme PowerEdge™  
UPC 822350710022

**Physical**

(p)ower-(s)ignal Configuration 8s - 8s - 2p - 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

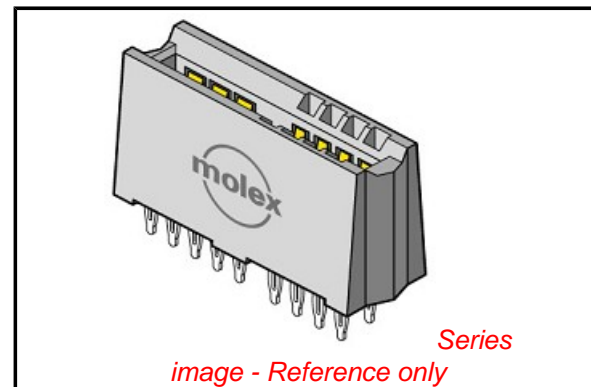
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-45719-001  
Sales Drawing SD-45912-001



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No  
Low-Halogen Status  
Not Reviewed**

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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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

This document was generated on 08/13/2012

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