

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [45912-0001](#)
Status: **Active**
Overview: Edge Card Connectors
Description: 12.90mm Pitch EXTreme PowerEdge™, Mixed Power/Signal Card Edge Connector, Double Sided, 2 Segments (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	822350709859

Physical

(p)ower-(s)ignal Configuration	2p - 8s
Circuits (Loaded)	10
Circuits (maximum)	10
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	4.458/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

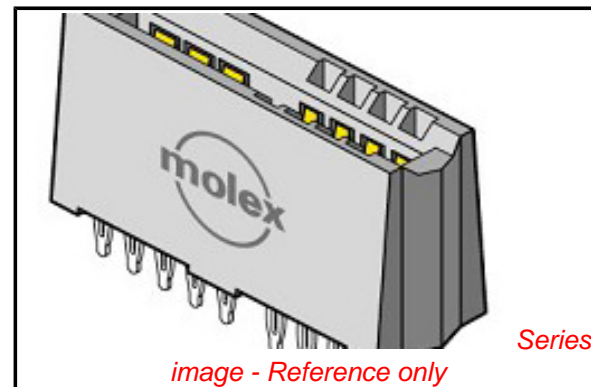
Electrical

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
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

This document was generated on 11/20/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION