

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [45912-0007](#)
Status: **Active**
Overview: Edge Card Connectors
Description: 12.90mm Pitch EXTreme PowerEdge™, Mixed Power/Signal Card Edge Connector, Double Sided, 3 Segments (Power, 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 | 822350709873 |

Physical

| | |
|--------------------------------|---|
| (p)ower-(s)ignal Configuration | 2p - 2p - 8s |
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |
| 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 | 6.896/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 |

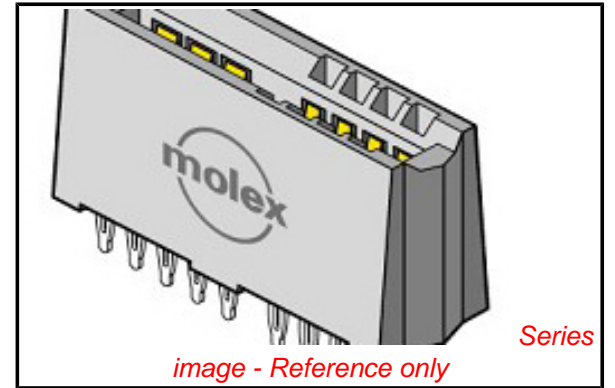
Electrical

| | |
|-------------------------------|---------|
| 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 11/26/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION