

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [45719-0003](#)  
**Status:** **Active**  
**Overview:** Edge Card Connectors  
**Description:** 12.90mm Pitch EXTreme PowerEdge™, Through Hole Solder for 3.18mm Thick PC Board, Mates to a 1.57mm Thick Card Edge or Bus Bar Tab

**Documents:**

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

**Agency Certification**

CSA LR19980  
TUV R72090228

**General**

Product Family Edge Card Connectors  
Series [45719](#)  
Component Type Edgecard to PCB  
Overview [Edge Card Connectors](#)  
Product Name Bus Bar Socket, EXTreme PowerEdge™  
UPC 822348678556

**Physical**

(p)ower-(s)ignal Configuration 8p - 0s  
Circuits (Loaded) 8  
Circuits (maximum) 8  
Color - Resin Black  
Durability (mating cycles max) 200  
Entry Angle Vertical (Top Entry)  
Flammability 94V-0  
Keying to Mating Part N/A  
Material - Metal High Performance Alloy (HPA)  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 9.864g  
PC Tail Length 4.50mm  
PCB Thickness - Recommended 3.20mm  
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

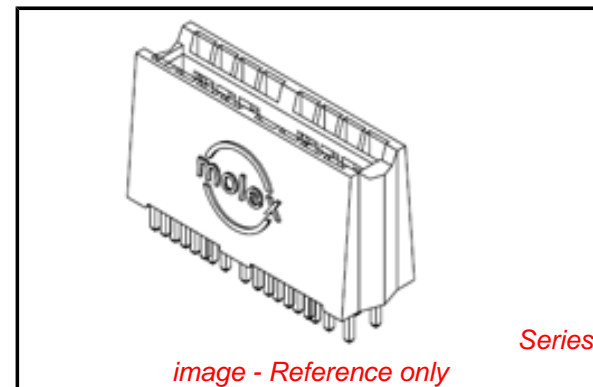
**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 5  
Lead-free Process Capability Wave Capable (TH only)  
Max. Cycles at Max. Process Temperature 1  
Process Temperature max. C 250

**Material Info**



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

Not Reviewed

**China RoHS**



**Need more information on product environmental compliance?**

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

45719Series

**Mates With**

1.58mm Double Sided Card Edge or Bus Bar Tab

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-45719-001  
SD-45719-001

This document was generated on 11/20/2012

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**