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**Part Number:** [87715-9108](#)  
**Status:** **Active**  
**Overview:** PCI Express Card Edge Connector  
**Description:** 1.00mm Pitch, PCI Express\* Connector, 64 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm Gold Solder-tail, Lead-Free

**Documents:**

[3D Model](#) [Test Summary TS-87715-207 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-87715-200 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Edge Card Connectors  
 Series [87715](#)  
 Comments PCI 4 lanes  
 Component Type Edgecard to PCB  
 Overview [PCI Express Card Edge Connector](#)  
 Product Name PCI Express\*  
 UPC 822348685509

**Physical**

(p)ower-(s)ignal Configuration 64s - 0p  
 Circuits (Loaded) 64  
 Circuits (maximum) 64  
 Durability (mating cycles max) 50  
 Entry Angle Vertical (Top Entry)  
 Flammability 94V-0  
 Keying to Mating Part Yes  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 3.868/g  
 PC Tail Length 2.30mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.00mm  
 Pitch - Termination Interface 1.00mm  
 Plating min - Mating 0.381µm  
 Polarized to Mating Part Yes  
 Temperature Range - Operating -55°C to +85°C  
 Termination Interface: Style Through Hole

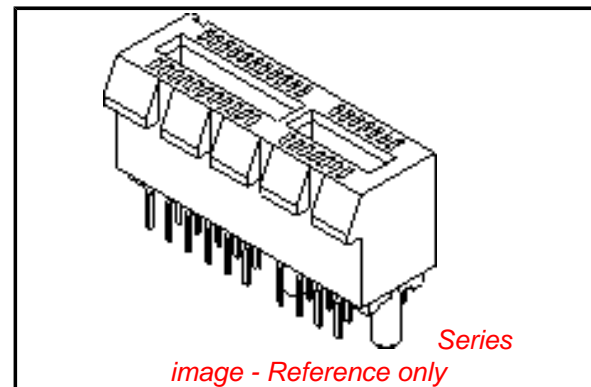
**Electrical**

Current - Maximum per Contact 1.1A  
 Voltage - Maximum 50V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability Wave Capable (TH only)  
 Process Temperature max. C 245

**Material Info**



**EU RoHS**

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

**China RoHS**



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 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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 non-product compliance questions.

**Search Parts in this Series**

[87715Series](#)

**Mates With**

PCI Express Card

## Reference - Drawing Numbers

Product Specification

PS-87715-200

Sales Drawing

SD-87715-207

Test Summary

TS-87715-207

\* PCI Express is a registered trademark of PCI-SIG®

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