

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

**Part Number:** [87715-9307](#)  
**Status:** **Active**  
**Overview:** PCI Express Card Edge Connector  
**Description:** 1.00mm Pitch, PCI Express\* Connector, 164 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, Gold Soldertail, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary TS-87715-207 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-87715-200 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Edge Card Connectors
Series	<a href="#">87715</a>
Comments	PCI 16 lanes
Component Type	Edgecard to PCB
Overview	<a href="#">PCI Express Card Edge Connector</a>
Product Name	PCI Express*
UPC	822348666225

**Physical**

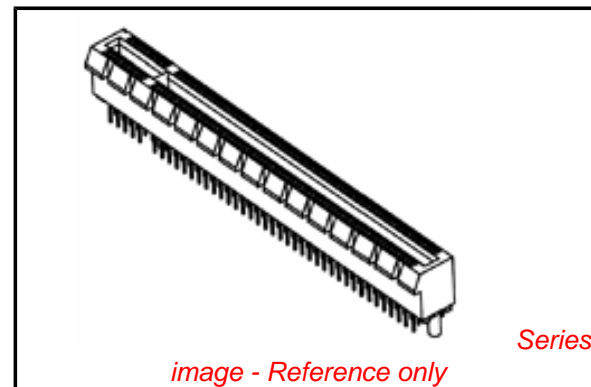
(p)ower-(s)ignal Configuration	164s - 0p
Circuits (Loaded)	164
Circuits (maximum)	164
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.688/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	0.051µm
Plating min - Termination	2.540µm
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)
------------------------------	------------------------



**EU RoHS**

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

**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**

87715Series

**Mates With**

PCI Express Card

Process Temperature max. C 245

### **Material Info**

### **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®

This document was generated on 09/19/2012

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