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**Part Number:** [87715-9300](#)  
**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	822348683383

**Physical**

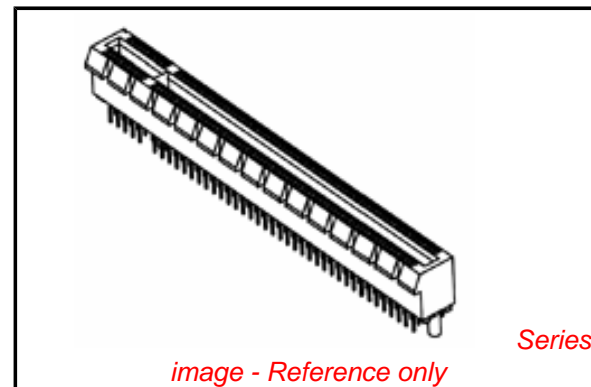
(p)ower-(s)ignal Configuration	164s - 0p
Circuits (Loaded)	164
Circuits (maximum)	164
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.691/g
PC Tail Length	2.54mm
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**

Duration at Max. Process Temperature (seconds)	10
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**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

Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

Wave Capable (TH only)  
1  
260

### **Material Info**

### **Reference - Drawing Numbers**

Electrical Model Document

EE-87715-001, EE-87715-002, EE-87715-005,  
EE-87715-006, EE-87715-009, EE-87715-010,  
EE-87715-011

Product Specification

PS-87715-200

S-Parameter Model

SP-87715-011

Sales Drawing

SD-87715-207, SD-87715-901

Test Summary

TS-87715-207

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

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