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**Part Number:** [87715-9105](#)  
**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:**

<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 4 lanes
Component Type	Edgecard to PCB
Overview	<a href="#">PCI Express Card Edge Connector</a>
Product Name	PCI Express*
UPC	822348685479

**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	3.866/g
PC Tail Length	3.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
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

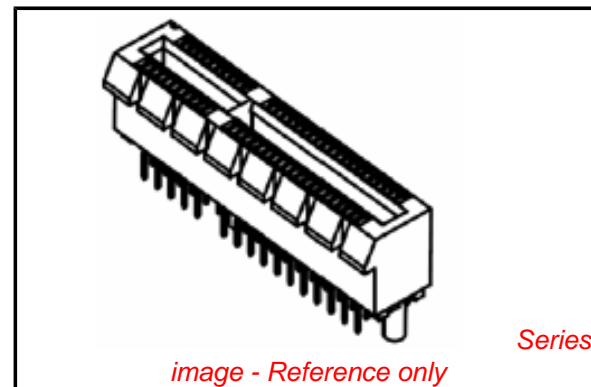
**Electrical**

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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Please visit the [Contact Us](#) section for any 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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