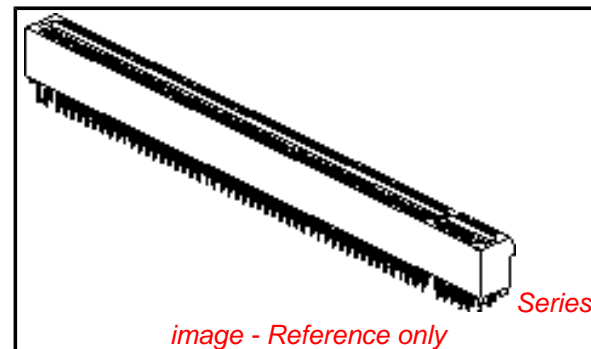


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [87715-3909](#)  
**Status:** **Active**  
**Overview:** [PCI Express Card Edge Connector](#)  
**Description:** 1.00mm Pitch, PCI Express\* Connector, 230 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="#">Packaging Specification PK-87715-202 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-87715-202 (PDF)</a>
<a href="#">Product Specification PS-87715-202 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA LR19980

**General**

Product Family	Edge Card Connectors
Series	<a href="#">87715</a>
Component Type	Edgecard to PCB
Overview	<a href="#">PCI Express Card Edge Connector</a>
Product Name	PCI Express*
UPC	822348517909

**Physical**

(p)ower-(s)ignal Configuration	230s - 0p
Circuits (Loaded)	230
Circuits (maximum)	230
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-Lead
Net Weight	5.500/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	65°C
Termination Interface: Style	Through Hole

**Electrical**

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

**Solder Process Data**

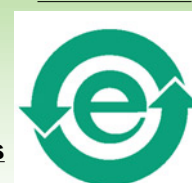
Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

**Material Info**

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**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

## Reference - Drawing Numbers

Packaging Specification	PK-87715-202
Product Specification	PS-87715-202
Sales Drawing	SD-87715-202
Test Summary	TS-87715-202

\* 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**