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**Part Number:** [87715-9911](#)  
**Status:** **Active**  
**Overview:** [PCI Express Card Edge Connector](#)  
**Description:** 1.00mm Pitch, PCI Express\* Connector, 98 Circuits, Nylon 4/6 Glass-filled, Black Housing, Copper Alloy, 0.76µm Gold Solder-tail, Lead-Free

**Documents:**

|                                                          |                                                      |
|----------------------------------------------------------|------------------------------------------------------|
| <a href="#">3D Model</a>                                 | <a href="#">Test Summary TS-87715-210 (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 8 lanes                                     |
| Component Type | Edgecard to PCB                                 |
| Overview       | <a href="#">PCI Express Card Edge Connector</a> |
| Product Name   | PCI Express*                                    |
| UPC            | 822350701174                                    |

**Physical**

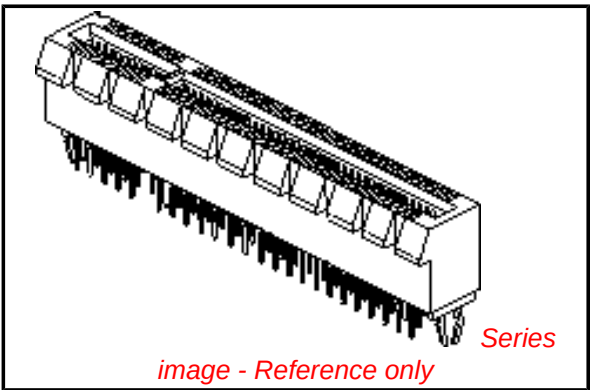
|                                |                      |
|--------------------------------|----------------------|
| (p)ower-(s)ignal Configuration | 98s - 0p             |
| Circuits (Loaded)              | 98                   |
| Circuits (maximum)             | 98                   |
| Durability (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                  |
| 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           | 0.762µm              |
| 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                        |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature        | 1                         |
| Process Temperature max. C                     | 260                       |



**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?**

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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

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-87715-200 |
| Sales Drawing         | SD-87715-210 |
| Test Summary          | TS-87715-210 |

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

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