

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [87715-9000](#)
Status: **Active**
Overview: PCI Express* Card Edge Connector
Description: 1.00mm Pitch, PCI Express* Connector, 36 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, Gold Solder-tail, Lead-Free

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-87715-200 \(PDF\)](#)
[Test Summary TS-87715-207 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Edge Card Connectors
Series [87715](#)
Comments PCI 1 lane
Component Type Edgecard to PCB
Electrical Model Yes
Overview [PCI Express* Card Edge Connector](#)
Product Name PCI Express*
UPC 822348678983

Physical

(p)ower-(s)ignal Configuration 36s - 0p
Circuits (Loaded) 36
Circuits (maximum) 36
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 2.806/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

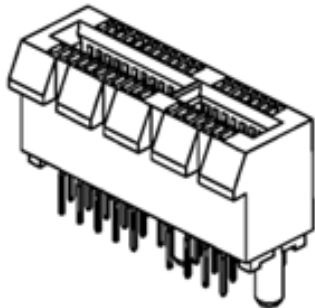


image - Reference only

Series

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
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

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

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-87715-002, EE-87715-011, EE-87715-012, EE-87715-013, EE-87715-014
Product Specification	PS-87715-200
Sales Drawing	SD-87715-207, SD-87715-901
Signal Integrity Report	SI-87715-002
Test Summary	TS-87715-207

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

This document was generated on 12/18/2014
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[87715-9000](#)