

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [87715-9100](#)
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, Gold Soldertail, Lead-Free

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Edge Card Connectors
 Series [87715](#)
 Comments PCI 4 lanes
 Component Type Edgecard to PCB
 Overview [PCI Express Card Edge Connector](#)
 Product Name PCI Express*
 UPC 822348685424

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 3.868/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
 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

Reference - Drawing Numbers

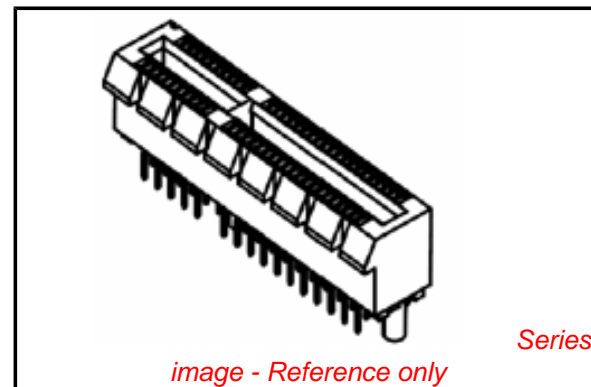


image - Reference only

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
 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

Product Specification
Sales Drawing
Test Summary

PS-87715-200
SD-87715-207
TS-87715-207

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

This document was generated on 08/13/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION