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Part Number: [87715-9303](#)
Status: **Active**
Description: 1.00mm Pitch, PCI Express* Connector, 164 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 16 lanes
 Component Type Edgecard to PCB
 Product Name PCI Express*
 UPC 822348683413

Physical

(p)ower-(s)ignal Configuration 164s - 0p
 Circuits (Loaded) 164
 Circuits (maximum) 164
 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 8.698/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 0.051µm
 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

Lead-free Process Capability Wave Capable (TH only)
 Process Temperature max. C 245

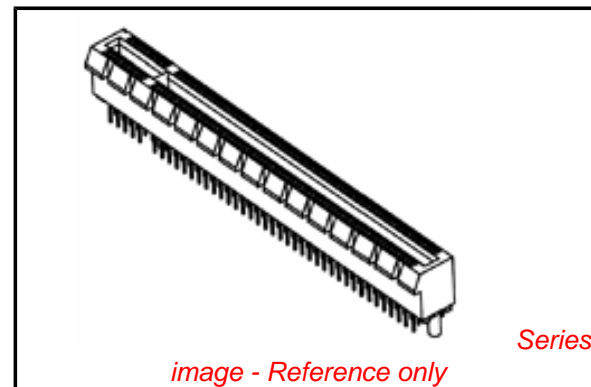


image - Reference only

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](#)

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 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-87715-207, SD-87715-901

Test Summary

TS-87715-207

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

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