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Part Number: [87715-9006](#)
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, 0.76µm Gold Solder-tail, 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 1 lane
 Component Type Edgecard to PCB
 Overview [PCI Express Card Edge Connector](#)
 Product Name PCI Express*
 UPC 822348679836

Physical

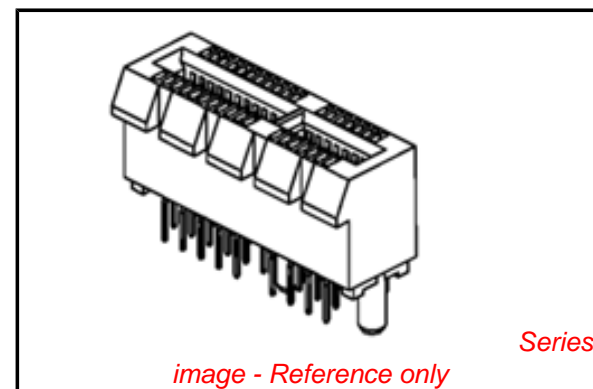
(p)ower-(s)ignal Configuration 36s - 0p
 Circuits (Loaded) 36
 Circuits (maximum) 36
 Color - Resin Black
 Durability (mating cycles max) 50
 Entry Angle Vertical (Top Entry)
 Flammability 94V-0
 Keying to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.867/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 0.762µm
 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



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

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

Reflow Capable (SMT only)
1
260

Material Info

Reference - Drawing Numbers

Electrical Model Document

EE-87715-001, EE-87715-002, EE-87715-005,
EE-87715-006, EE-87715-009, EE-87715-010,
EE-87715-011

Product Specification

PS-87715-200

S-Parameter Model

SP-87715-011

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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