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Part Number: [0877159205](#)
Status: **Active**
Overview: [pci_express_card_edge_connector](#)
Description: 1.00mm (.039") Pitch, PCI Express* Connector, 98 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm (15µ") Gold (Au) Plating, with Plastic Pegs, 3.00mm (.118") Solder-tail, Lead Free

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Edge Card Connectors
 Series [87715](#)
 Comments PCI 8 lanes
 Component Type Edgcard to PCB
 Overview [pci_express_card_edge_connector](#)
 Product Name PCI Express*

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 (.118")
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.40mm (.094")
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm (.039")
 Pitch - Termination Interface 1.00mm (.039")
 Plating min - Mating 0.381µm (15µ")
 Polarized to Mating Part Yes
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Through Hole

Electrical

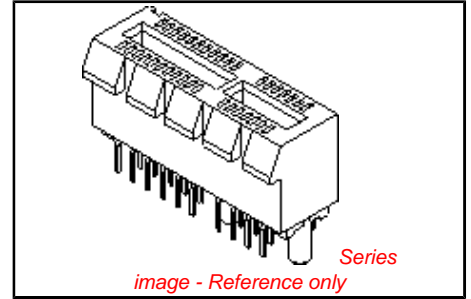
Current - Maximum per Contact 1.1A
 Voltage - Maximum 50V AC (RMS)/DC

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

Material Info

Country of Origin CN, HK, JP, MX, TW



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



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

Reference - Drawing Numbers

Packaging Specification	PK-87715-207
Product Specification	PS-87715-200
Sales Drawing	SD-87715-207
Test Summary	TS-87715-207

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

This document was generated on 11/18/2010

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