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Part Number: [0877159206](#)
Status: **Active**
Overview: [PCI Express* Card Edge Connector](#)
Description: 1.00mm Pitch, PCI Express Connector, 98 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.76µm Gold Solder-tail, Lead-Free

Documents:

[3D Model](#)
[Product Specification PS-87715-200-001 \(PDF\)](#)
[Product Specification TS-87715-207-001 \(PDF\)](#)
[Packaging Specification PK-87715-207 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

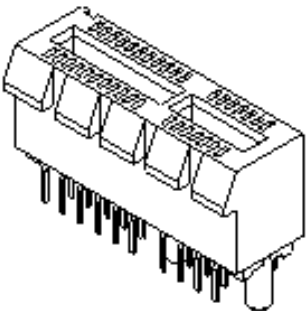
Product Family Edge Card Connectors
Series [87715](#)
Comments PCI 8 lanes, PCI 8 lanes
Component Type Edgecard to PCB
Data Rate 8.0 Gbps
Edge Card Thickness 1.57mm
Electrical Model Yes
High Power Bay (30.0A or more) No
Orientation Vertical
Overview [PCI Express* Card Edge Connector](#)
Product Name PCI Express
Standard Based PCIe
UPC 822348660483

Physical

(p)ower-(s)ignal Configuration 98s - 0p
Circuit Size Range 65-200 Circuits
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
Net Weight 5.464/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
Polarized to Mating Part Yes
Temperature Range - Operating -55° to +85°C
Termination Interface: Style Through Hole

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[87715 Series](#)

Mates With

PCI Express Card

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
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
Packaging Specification	PK-87715-207
Product Specification	PS-87715-200-001, TS-87715-207-001
S-Parameter Model	SP-87715-002, SP-87715-011, SP-87715-012, SP-87715-013, SP-87715-014
Sales Drawing	SD-87715-207
Signal Integrity Report	SI-87715-002

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