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Part Number: [0877159006](#)
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	Packaging Specification PK-87715-207 (PDF)
Drawing (PDF)	Test Summary TS-87715-207-001 (PDF)
Product Specification PS-87715-200-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-87715-001 (PDF)	

Agency Certification

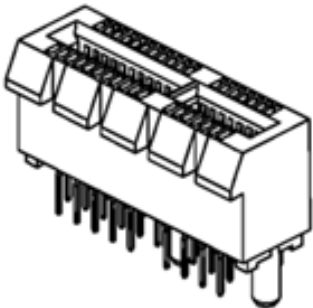
CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	87715
Comments	PCI 1 lane, PCI 1 lane
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	822348679836

Physical

(p)ower-(s)ignal Configuration	36s - 0p
Circuit Size Range	1-64 Circuits
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° to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[87715 Series](#)

Mates With

PCI Express Card

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)	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-87715-001, PK-87715-207
Product Specification	PS-87715-200-001
S-Parameter Model	SP-87715-002, SP-87715-011, SP-87715-012, SP-87715-013, SP-87715-014
Sales Drawing	SD-87715-901
Signal Integrity Report	SI-87715-002
Test Summary	TS-87715-207-001

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