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Part Number: [0877159302](#)
Status: **Active**
Overview: [PCIe PCI-X Connectors](#)
Description: 1.00mm Pitch, PCI Express Connector, 164 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm Gold Solder-tail, Lead-Free

Documents:

3D Model	Packaging Specification PK-87715-207-001 (PDF)
3D Model (PDF)	Test Summary TS-87715-207-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-87715-200-001 (PDF)	

Agency Certification

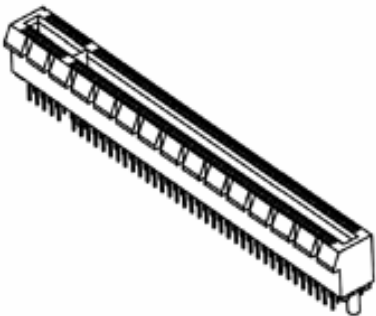
CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	87715
Comments	PCI 16 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	PCIe PCI-X Connectors
Product Name	PCI Express
Standard Based	PCIe
UPC	822348683406

Physical

(p)ower-(s)ignal Configuration	164s - 0p
Circuit Size Range	65-200 Circuits
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	8.693/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	0.381µm
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 -
D(2021)4569-DC (8
July 2021)

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	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Electrical Model Document	EE-87715-002-001, EE-87715-011-001, EE-87715-012-001, EE-87715-013-001, EE-87715-014-001
Packaging Specification	PK-87715-207-001
Product Specification	PS-87715-200-001
S-Parameter Model	SP-87715-002-001, SP-87715-011-001, SP-87715-012-001, SP-87715-013-001, SP-87715-014-001
Sales Drawing	SD-87715-901-001
Signal Integrity Report	SI-87715-002-001
Test Summary	TS-87715-207-001

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