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Part Number: [0877159105](#)
Status: **Active**
Overview: [PCI Express* Card Edge Connector](#)
Description: 1.00mm Pitch, PCI Express* Connector, 64 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm Gold Solder-tail, Lead-Free

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

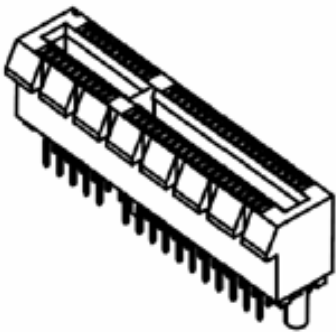
Product Family	Edge Card Connectors
Series	87715
Circuit Size Range	1-64 Circuits
Comments	PCI 4 lanes
Component Type	Edgecard to PCB
Data Rate	8.0 Gbps
Edge Card Thickness	1.57mm
Electrical Model	Yes
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	PCI Express* Card Edge Connector
Product Name	PCI Express*
Standard Based	PCIe
UPC	822348685479

Physical

(p)ower-(s)ignal Configuration	64s - 0p
Circuits (Loaded)	64
Circuits (maximum)	64
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	3.866/g
PC Tail Length	3.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.381µm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

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environmental compliance?**

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Please visit the [Contact Us](#) section for any
non-product compliance questions.

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

Lead-free	Process Capability	WAVE
Process Temperature max.	C	245

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-87715-004, 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-87715-004, SP-87715-011, SP-87715-012, SP-87715-013, SP-87715-014
Sales Drawing	SD-87715-207

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

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