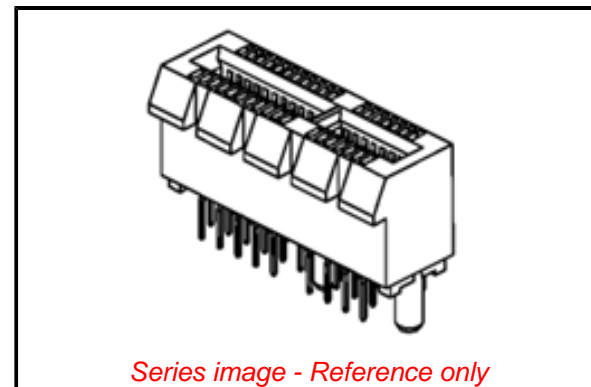


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Part Number: [0877159006](#)
Status: **Active**
Overview: PCIe PCI-X Connectors
Description: 1.00mm Pitch, PCI Express Connector, 36 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.76µm Gold Solder-tail, Lead-Free

Documents:

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



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	87715
Comments	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	PCIe PCI-X Connectors
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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Electrical Model Document	EE-87715-002-001, EE-87715-011-001, EE-87715-012-001, EE-87715-013-001, EE-87715-014-001
Packaging Specification	PK-87715-001-001, 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

This document was generated on 09/23/2021

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[GPCP146400111HR](#) [GPCP442628110HR](#) [GPCP446200120HR](#) [GPCP245400111HR](#) [10082378-10000TLF](#) [87715-9256](#) [MDT580M03001](#)
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[PSASF2130311TR](#) [PSASF3130411TR](#) [PSASF3130131TR](#) [7-1734774-7](#) [3-1761465-1](#) [10039755-10111TLF](#) [10039755-10112TLF](#) [10018783-](#)
[10211TLF](#) [10018784-10211TLF](#) [10018784-10212TLF](#) [1761465-2](#) [1871058-1](#) [5-1761465-4](#) [10018783-10200MLF](#) [10018783-10213TLF](#)
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[10102TLF](#) [10018783-11200TLF](#) [10123371-001TRLF](#) [10018784-10110TLF](#) [6-1734774-7](#) [6-1734774-9](#) [1775838-2](#)