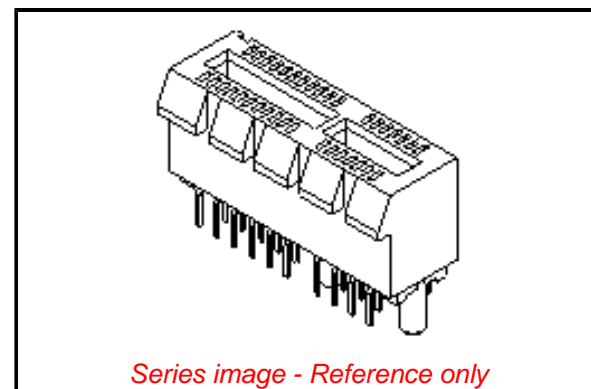


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0877159208](#)  
**Status:** **Active**  
**Overview:** PCIe PCI-X Connectors  
**Description:** 1.00mm Pitch, PCI Express Connector, 98 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm Gold Solder-tail, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-87715-207 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-87715-207-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-87715-200-001 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Edge Card Connectors
Series	<a href="#">87715</a>
Comments	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	<a href="#">PCIe PCI-X Connectors</a>
Product Name	PCI Express
Standard Based	PCIe
UPC	822348660490

**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	5.003/g
PC Tail Length	2.30mm
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
Polarized to Mating Part	Yes
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	1.1A
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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

Voltage - Maximum 50V AC (RMS)/DC

**Solder Process Data**

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

**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  
S-Parameter Model SP-87715-002, SP-87715-011, SP-87715-012,  
SP-87715-013, SP-87715-014  
Sales Drawing SD-87715-207-001  
Signal Integrity Report SI-87715-002  
Test Summary TS-87715-207-001

This document was generated on 08/07/2020

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[GPCP146400111HR](#) [GPCP442628110HR](#) [GPCP446200120HR](#) [GPCP245400111HR](#) [10082378-10000TLF](#) [87715-9256](#) [MDT580M03001](#)  
[0877159107](#) [MDT580M01001](#) [10018783-11000MLF](#) [10108777-10000ALF](#) [10141523-111TOLF](#) [10145445-10003MLF](#) [PSASF2130311TR](#)  
[PSASF3130411TR](#) [PSASF3130131TR](#) [7-1734774-7](#) [3-1761465-1](#) [10018784-10111TLF](#) [10039755-10111TLF](#) [10039755-10112TLF](#)  
[10018783-10211TLF](#) [10018784-10211TLF](#) [10018784-10212TLF](#) [1761465-2](#) [1871058-1](#) [5-1761465-4](#) [10018783-10200MLF](#) [10018783-](#)  
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[10018784-10102TLF](#) [10018783-11200TLF](#) [10123371-001TRLF](#) [10018784-10110TLF](#) [6-1734774-7](#) [6-1734774-9](#)