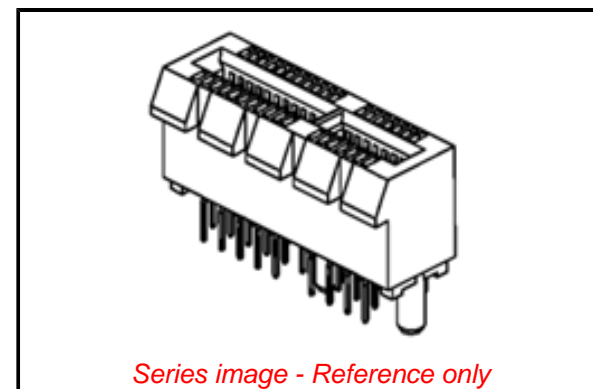


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Part Number: **0877159005**
Status: **Active**
Overview: PCI Express* Card Edge Connector
Description: 1.00mm Pitch, PCI Express Connector, 36 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm Gold Solder-tail, Lead-Free

Documents:

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



Series image - Reference only

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	822348679829

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	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
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-55° to +85°C

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

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-87715-001, 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-87715-901

This document was generated on 03/28/2019

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