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Part Number: [0877159006](#)

Status: **Active**

Description: 1.00mm (.039") Pitch, PCI Express* Connector, 36 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.76µm (30µ") Gold (Au) Plating, with Plastic Pegs, 2.54mm (.100") Solder tail, Lead Free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-87715-200 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Edge Card Connectors
Series	87715
Comments	PCI 1 lane
Component Type	Edgecard to PCB
Product Name	PCI Express*

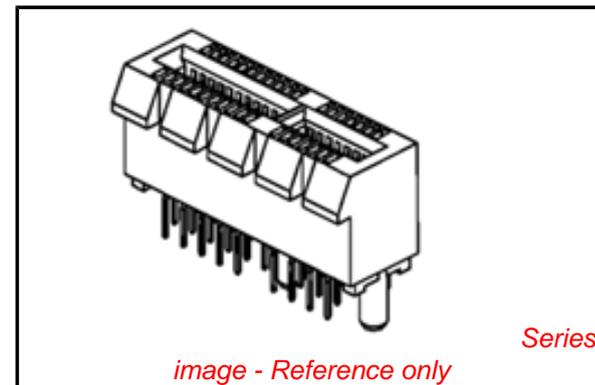
Physical

Circuits (Loaded)	36
Circuits (maximum)	36
Circuits Detail	All Signal
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
PC Tail Length (in)	0.100 In
PC Tail Length (mm)	2.54 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	1.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Polarized to Mating Part	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole

Electrical

CSA	LR19980
Current - Maximum	1.1A
UL	E29179
Voltage - Maximum	50V AC (RMS)/DC

Solder Process Data



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Halogen-Free

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

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

Search Parts in this Series

87715Series

Mates With

PCI Express Card

Lead-free Process Capability
Process Temperature max. C

Wave Capable (TH only)
245

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-87715-200
SD-87715-207, SD-87715-901

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

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