

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

87715-3916

Status:

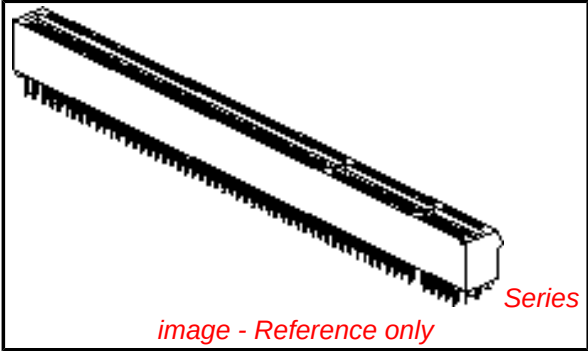
Active

Overview:

PCI Express Card Edge Connector

Description:

1.00mm Pitch, PCI Express* Connector, 280 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.76µm Gold Solder-tail, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-87715-206 (PDF)

Test Summary TS-87715-206 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
General	
Product Family	Edge Card Connectors
Series	87715
Component Type	Edgecard to PCB
Overview	PCI Express Card Edge Connector
Product Name	PCI Express*
UPC	822350036672
Physical	
(p)ower-(s)ignal Configuration	280s - 0p
Circuits (Loaded)	280
Circuits (maximum)	280
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
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	0.762µm
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
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-87715-206
Sales Drawing	SD-87715-206

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

Need more information on product 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

This document was generated on 09/19/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[87715-3916](#)