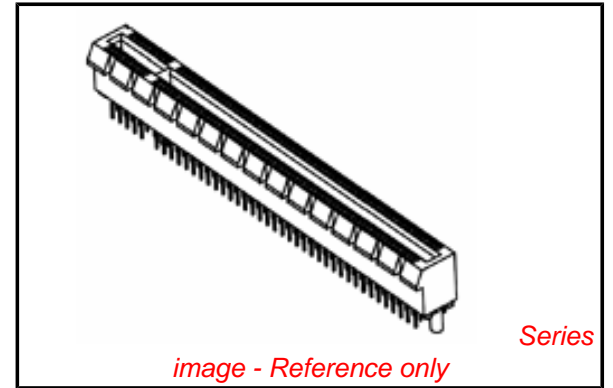


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Part Number: [87715-9309](#)
Status: **Active**
Overview: [PCI Express Card Edge Connector](#)
Description: 1.00mm Pitch, PCI Express* Connector, 164 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.76µm Gold Solder-tail, Lead-Free

Documents:

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



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	87715
Comments	PCI 16 lanes
Component Type	Edgecard to PCB
Overview	PCI Express Card Edge Connector
Product Name	PCI Express*
UPC	822350650212


Physical

(p)ower-(s)ignal Configuration	164s - 0p
Circuits (Loaded)	164
Circuits (maximum)	164
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	8.700/g
PC Tail Length	3.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
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°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.1A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Not Low-Halogen	China RoHS 
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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

Reference - Drawing Numbers

Electrical Model Document

EE-87715-003, EE-87715-004, EE-87715-007,
EE-87715-008, EE-87715-009, EE-87715-010,
EE-87715-011

Product Specification

PS-87715-200

S-Parameter Model

SP-87715-011

Sales Drawing

SD-87715-207, SD-87715-901

Test Summary

TS-87715-207

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

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