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Part Number:

87715-9308

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, 0.38µm Gold Solder-tail, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87715-200 (PDF)

Test Summary TS-87715-207 (PDF)

RoHS Certificate of Compliance (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

822348683451

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

8.730/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

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

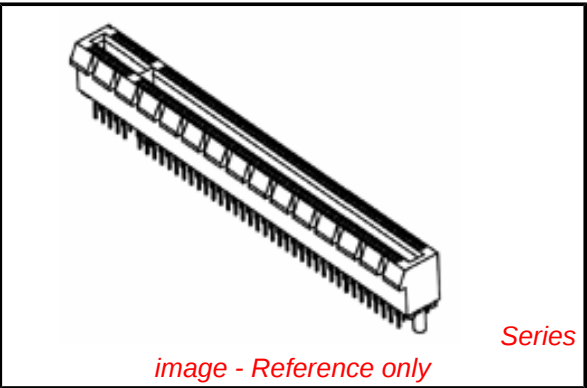
Voltage - Maximum

50V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen



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

Process Temperature max. C

245

Material Info

Reference - Drawing Numbers

Product Specification

PS-87715-200

Sales Drawing

SD-87715-207

Test Summary

TS-87715-207

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

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