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Part Number:

0877159206

Status:

Active

Description:

1.00mm (.039") Pitch, PCI Express\* Connector, 98 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 8 lanes

Component Type

Edgecard to PCB

Product Name

PCI Express\*

Physical

Circuits (Loaded)

98

Circuits (maximum)

98

Circuits Detail

All Signal

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 (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)

0.76

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

Lead-free Process Capability

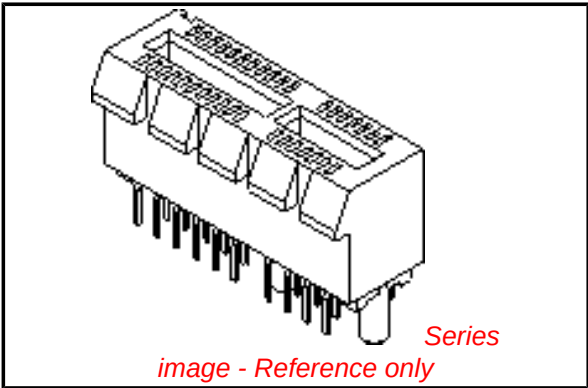
Wave Capable (TH only)

Process Temperature max. C

245

Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-87715-200 |
| Sales Drawing         | SD-87715-207 |

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

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