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Part Number:

0877159306

Status:

Active

Description:

1.00mm (.039") Pitch, PCI Express* Connector, 164 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 16 lanes

Component Type

Edgecard to PCB

Product Name

PCI Express*

Physical

Circuits (Loaded)

164

Circuits (maximum)

164

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

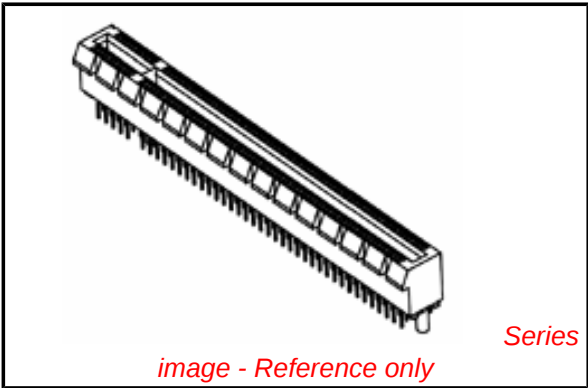
UL

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

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.

China RoHS



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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