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Part Number: [0877153915](#)
Status: **Active**
Description: 1.00mm (.039") Pitch, PCI Express* Connector, 280 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm (15µ") Gold (Au) Plating, with Plastic Pegs, 3.00mm (.118") Solder tail, Lead Free

Documents:

[3D Model](#) [Product Specification PS-87715-206 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Edge Card Connectors
Series [87715](#)
Component Type Edgecard to PCB
Product Name PCI Express*

Physical

Circuits (Loaded) 280
Circuits (maximum) 280
Circuits Detail All Signal
Durability (mating cycles max) 50
Entry Angle Vertical (Top Entry)
Keying to Mating Part Yes
Material - Plating Mating Gold
Material - Plating Termination Tin
PC Tail Length (in) 0.118 In
PC Tail Length (mm) 3.00 mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.093 In
PCB Thickness Recommended (mm) 2.40 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) 15
Plating min: Mating (µm) 0.38
Polarized to Mating Part Yes
Temperature Range - Operating -55°C to +85°C
Termination Interface: Style Through Hole

Electrical

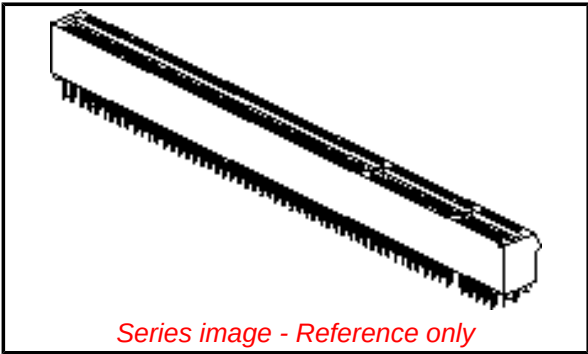
Current - Maximum 1.1A
Voltage - Maximum 50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification PS-87715-206
Sales Drawing SD-87715-206

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



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
Please visit the [Contact Us](#) section for any non-product compliance questions.

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[87715 Series](#)

Mates With
PCI Express Card