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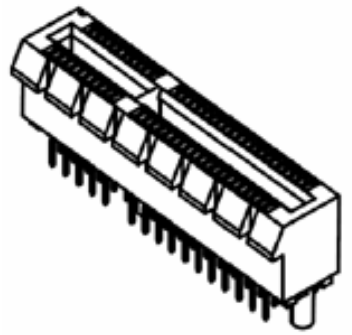
Part Number: 0877159106

Status: Active

Overview: PCIe PCI-X Connectors

Description: 1.00mm Pitch, PCI Express Connector, 64 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.76µm Gold Soldertail, Lead-Free



Series image - Reference only

Documents:

3D Model
3D Model (PDF)
Drawing (PDF)
Product Specification PS-87715-200-001 (PDF)
Packaging Specification PK-87715-207 (PDF)
Test Summary TS-87715-207-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	87715
Comments	PCI 4 lanes
Component Type	Edgecard to PCB
Data Rate	8.0 Gbps
Edge Card Thickness	1.57mm
Electrical Model	Yes
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	PCIe PCI-X Connectors
Product Name	PCI Express
Standard Based	PCIe
UPC	822348685486

Physical

(p)ower-(s)ignal Configuration	64s - 0p
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	64
Circuits (maximum)	64
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
Net Weight	3.864/g
PC Tail Length	2.54mm
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	0.762µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.1A

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ECHA_01_2020 (16 January 2020

Halogen-Free Status
Not Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
87715 Series

Mates With
PCI Express Card

Voltage - Maximum	50V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-87715-002, EE-87715-011, EE-87715-012, EE-87715-013, EE-87715-014
Packaging Specification	PK-87715-207
Product Specification	PS-87715-200-001
S-Parameter Model	SP-87715-002, SP-87715-011, SP-87715-012, SP-87715-013, SP-87715-014
Sales Drawing	SD-87715-207-001
Signal Integrity Report	SI-87715-002
Test Summary	TS-87715-207-001

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