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Part Number:

0877159205

Status:

Active

Overview:

PCIe PCI-X Connectors

Description:

1.00mm Pitch, PCI Express Connector, 98 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm Gold Solder-tail, Lead-Free

Documents:

3D Model

Drawing (PDF)

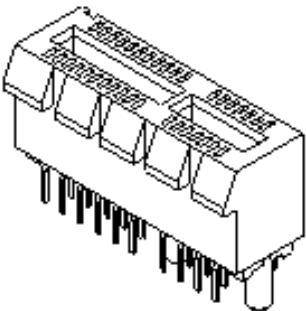
3D Model (PDF)

Product Specification PS-87715-200-001 (PDF)

Packaging Specification PK-87715-207-001 (PDF)

Test Summary TS-87715-207-001 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Edge Card Connectors
Series	87715
Comments	PCI 8 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
Taxonomy	Card Edge Connectors
UPC	822348679904

Physical	
(p)ower-(s)ignal Configuration	98s - 0p
Circuit Size Range	65-200 Circuits
Circuits (Loaded)	98
Circuits (maximum)	98
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	5.467/g
PC Tail Length	3.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tray
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.381µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole

Electrical

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

Current - Maximum per Contact	1.1A
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-87715-004-001, EE-87715-011-001, EE-87715-012-001, EE-87715-013-001, EE-87715-014-001
Packaging Specification	PK-87715-207-001
Product Specification	PS-87715-200-001
S-Parameter Model	SP-87715-004-001, SP-87715-011-001, SP-87715-012-001, SP-87715-013-001, SP-87715-014-001
Sales Drawing	SD-87715-207-001
Test Summary	TS-87715-207-001

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