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Part Number:

0475058302

Status:

Planned for Obsolescence

Overview:

pci_express_card_edge_connector

Description:

1.00mm (.039") Pitch, PCI Express* Connector, 164 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm (15µ") Gold (Au) Plating, with Plastic Pegs, 2.54mm (.100") Solder tail, with Back-type Latch, Lead Free



Series

image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-47505-001 (PDF)

Test Summary TS-47505-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Edge Card Connectors
Series	87715
Comments	With Integrated Back-type Latch
Component Type	Edgecard to PCB
Overview	pci_express_card_edge_connector
Product Name	PCI Express*
Physical	
(p)ower-(s)ignal Configuration	164s - 0p
Circuits (Loaded)	164
Circuits (maximum)	164
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic, Nylon
PC Tail Length	2.54mm (.100")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm (.062")
Packaging Type	Tray
Pitch - Mating Interface	1.00mm (.039")
Pitch - Termination Interface	1.00mm (.039")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	2.540µm (100µ")
Polarized to Mating Part	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	1.1A
Voltage - Maximum	50V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-47505-001
Sales Drawing	SD-47505-001
Test Summary	TS-47505-001

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

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

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.

Search Parts in this Series

87715Series

Mates With

PCI Express Card

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