

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0475059300](#)
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, Gold (Au) Flash Plating, with Plastic Pegs, 2.54mm (.100") Solder tail, with Front-type Latch, Lead Free

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 Front-type Latch
Component Type Edgecard to PCB
Overview [pci_express_card_edge_connector](#)
Product Name PCI Express*

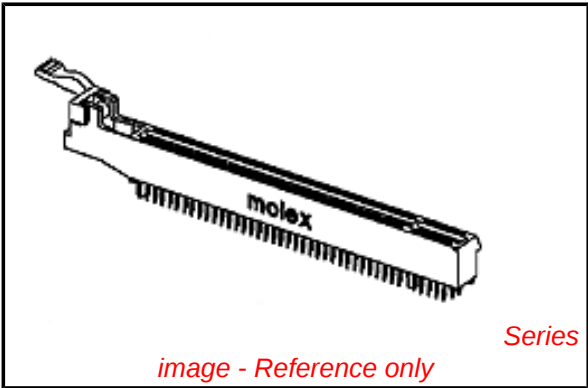
Physical
(p)ower-(s)ignal Configuration 164s - 0p
Circuits (Loaded) 164
Circuits (maximum) 164
Color - Resin Black
Durability (mating cycles max) 50
Entry Angle Vertical
Keying to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - 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 0.051µm (2µ")
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

This document was generated on 05/11/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION