

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0482480001](#)
Status: **Obsolete**
Description: 1.00mm (.039") Pitch, Straddle Mount PCI Express* Connector, 36 Circuits, Right Angle, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, Gold (Au) Flash, Lead Free

Documents:
[Drawing \(PDF\)](#)

General

Product Family	Edge Card Connectors
Series	48248
Comments	PCI 1 port
Component Type	Edgecard to PCB
Product Name	PCI Express*

Physical

(p)ower-(s)ignal Configuration	36s - 0p
Circuits (Loaded)	36
Circuits (maximum)	36
Durability (mating cycles max)	50
Entry Angle	Vertical
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
PC Tail Length	4.10mm (.161")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm (.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	Straddle Mount

Electrical

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

Solder Process Data

Process Temperature max. C	260
----------------------------	-----

Material Info

Reference - Drawing Numbers

Product Specification	PS-48248-001
Sales Drawing	SD-48248-001
Test Summary	TS-48248-001

* PCI Express is a registered trademark of PCI-SIG

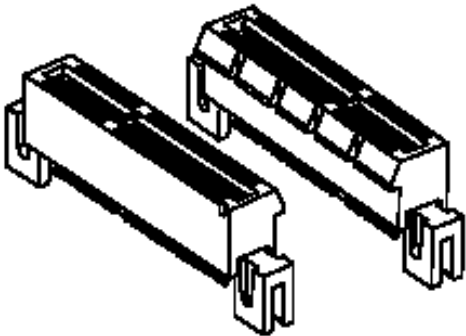


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

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

[48248Series](#)

Mates With

PCI Express Card