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**Part Number:** [74576-0000](#)  
**Status:** **Active**  
**Overview:** PCI Technology  
**Description:** TDP® (Triad® Differential Pair) PCIe x1 Cable Assembly, 28 AWG, 0.50m Length

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E72548

**General**

Product Family Cable Assemblies  
 Series [74576](#)  
 Connector to Connector PCI Express\*-to-PCI Express\*, TDP®-to-TDP®  
 Overview [PCI Technology](#)  
 Product Name PCI, PCI Express\*, TDP®  
 UPC 822350565288

**Physical**

Cable Length 0.50m  
 Circuits (Loaded) 18  
 Color - Resin Natural  
 Gender Male-Male  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Low Density Polyethylene  
 Net Weight 68.000/g  
 Packaging Type Tray  
 Pitch - Mating Interface 0.64mm  
 Plating min - Mating 1.905µm  
 Plating min - Termination 2.540µm  
 Single Ended No  
 Termination Interface: Style Through Hole  
 Wire Insulation Diameter N/A  
 Wire Size AWG 28  
 Wire/Cable Type Round

**Electrical**

Current - Maximum per Contact 1.5A  
 Impedance 100#  
 Shielded Yes  
 Voltage - Maximum 40V

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SD-74576-000

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



**EU RoHS**

**RoHS Compliant by Exemption**

**REACH SVHC**

**Not Reviewed**

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



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Email [productcompliance@molex.com](mailto: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**

[74576Series](#)

**Mates With**

[76641](#) TDP® (Triad® Differential Pair) PCIe x1 Vertical Through Hole Receptacle. [74960](#) TDP® (Triad® Differential Pair) PCIe x1 Right-Angle SMT Receptacle

**Use With**

[74155](#) PCI Express Plug