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**Part Number:** **0750001018**  
**Status:** **Active**  
**Overview:** tdp triad differential pair  
**Description:** 1.27mm (.050") Pitch TDP® (Triad® Differential Pair) PCIe x1 Plug, Vertical, Shielded, 18 Circuits, First Mate Last Break

**Documents:**

[3D Model](#) [Application Specification AS-75000-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<u>75000</u>
Application	Wire-to-Board
Component Type	Plug
MolexKits	Yes
Overview	<u>tdp triad differential pair</u>
Product Name	PCI Express*, TDP®
Type	N/A

**Physical**

Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Vertical
PCB Retention	N/A
Packaging Type	Tube
Panel Mount	No
Pitch - Mating Interface	1.27mm (.050")
Plating min - Mating	1.905µm (75µ")
Plating min - Termination	2.540µm (100µ")
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Through Hole
Wire Insulation Diameter	N/A
Wire Size AWG	N/A

**Electrical**

Current - Maximum per Contact	1.5A
Grounding to Panel	None
Shielded	Yes
Voltage - Maximum	40V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-75000-001
Sales Drawing	SD-75000-000



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

75000Series

**Mates With**

741500001 PCIe x1 Receptacle

**Use With**

75115 Cable Plug Kit

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