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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

Drawing (PDF)

Application Specification AS-75000-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	75000
Application	Wire-to-Board
Component Type	Plug
MolexKits	Yes
Overview	tdp_triad_differential_pair
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



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

75000Series

Mates With

741500001 PCIe x1 Receptacle

Use With

75115 Cable Plug Kit

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