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**Part Number:** [0750001028](#)  
**Status:** **Active**  
**Overview:** TDP® Triad® Differential Pair  
**Description:** 1.27mm Pitch TDP® (Triad® Differential Pair) Plug, Vertical, Shielded, 28 Circuits

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	<a href="#">75000</a>
Application	Wire-to-Board
Comments	Without Carrier Strip
Component Type	Plug
Overview	<a href="#">TDP® Triad® Differential Pair</a>
Product Name	TDP®
Type	N/A
UPC	756054467787

**Physical**

Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Black
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.353/g
Orientation	Vertical
PCB Retention	N/A
Packaging Type	Tube
Panel Mount	No
Pitch - Mating Interface	1.27mm
Plating min - Mating	1.905µm
Plating min - Termination	2.540µm
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 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-75000-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[75000 Series](#)

**Mates With**

[74960](#)

**Use With**

[75115 BackShell Plug Kit](#)

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