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Part Number: [0750001048](#)
Status: **Active**
Overview: [tdp_triad_differential_pair](#)
Description: 1.27mm (.050") Pitch TDP® (Triad® Differential Pair) Plug, Vertical, Shielded, 48 Circuits

Documents:

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

General

Product Family	I/O Connectors
Series	75000
Application	Wire-to-Board
Comments	Without Carrier Strip
Component Type	Plug
MolexKits	Yes
Overview	tdp_triad_differential_pair
Product Name	TDP®
Type	N/A

Physical

Circuits (Loaded)	48
Circuits (maximum)	48
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
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 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



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
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](#)

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[74960](#)

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