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**Part Number:** [1726040003](#)  
**Status:** **Active**  
**Overview:** T-Path 100-Gbps Connector Solutions  
**Description:** T-Path 100-Gpbs Connector, Surface Mount, Right-Angle

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-172604-9001-001 \(PDF\)](#) [Product Literature \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

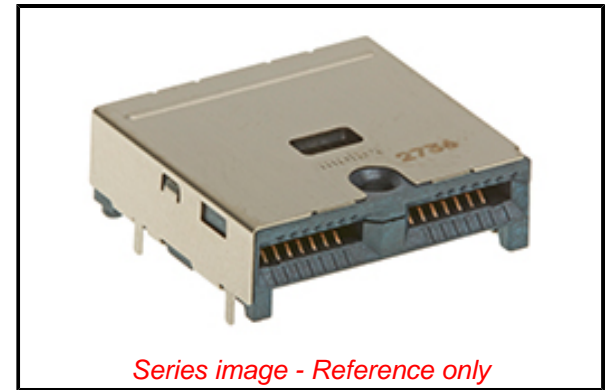
Product Family I/O Connectors  
 Series [172604](#)  
 Application Wire-to-Board  
 Comments Surface Mount Compatible - Immerse in molten solder at 245°C at a rate of 25.4mm per second. Solder Duration: 5 ± 0.5 seconds  
 Component Type Receptacle  
 Overview [T-Path 100-Gbps Connector Solutions](#)  
 Product Literature Order No 987651-6981  
 Product Name T-Path  
 Type N/A  
 UPC 191128170246

**Physical**

Circuits (Loaded) 28  
 Circuits (maximum) 28  
 Color - Resin Black  
 Durability (mating cycles max) 250 (external interface), 30 (internal interface)  
 Flammability 94V-0  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold over Nickel  
 Material - Plating Termination Tin over Nickel  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 2.547/g  
 Number of Rows 2  
 Orientation Right Angle  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Panel Mount N/A  
 Pitch - Mating Interface 0.80mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40° to +80°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1.0A



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172604 Series](#)

**Mates With**

QSFP Cable Assembly [74757](#) <br>QSFP+ Cable Assembly [111040](#) <br>zQSFP+ Cable Assembly [100297](#) , [100345](#)

Grounding to Panel  
Voltage - Maximum

Yes  
30V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Sales Drawing

PK-172604-9001-001  
SD-172604-0003-001

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