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**Part Number:** [0521471610](#)  
**Status:** **Active**  
**Overview:** Wire Trap  
**Description:** 2.00mm Pitch Wire Trap, Pull-Cover Style, Vertical, 16 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-52147-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Ribbon Cable / Wire Trap Connectors  
 Series [52147](#)  
 Comments Pull-Cover  
 Component Type One Piece  
 Glow-Wire Compliant No  
 Overview [Wire Trap](#)  
 Product Name Board-In, Wire Trap  
 UPC 800753570658

**Physical**

Circuits (Loaded) 16  
 Entry Angle Vertical  
 Flammability 94V-0  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 1402.800/mg  
 Number of Rows 1  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.00mm  
 Plating min - Mating 0.914µm  
 Plating min - Termination 0.914µm  
 Polarized to Mating Part N/A  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole - Kinked Pin  
 Wire Insulation Diameter 1.60mm max.  
 Wire Size AWG 26  
 Wire/Cable Type Ribbon Cable

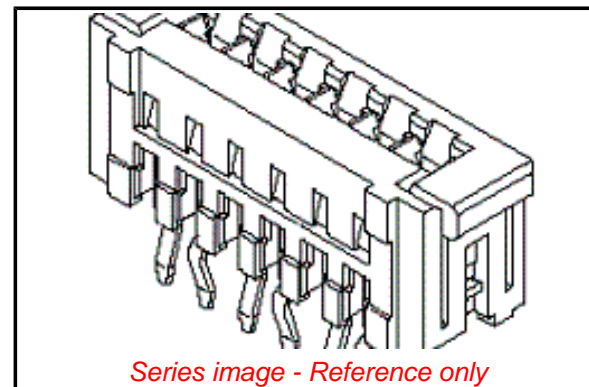
**Electrical**

Current - Maximum per Contact 2.0A  
 Voltage - Maximum 150V

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-52147-001, RPS-52147-001, RPS-52147-002,  
 RPS-52147-003, RPS-52147-004  
 Sales Drawing SD-52147-\*\*10



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
 ED/39/2015 (15 June  
 2015)

**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

**Search Parts in this Series**

[52147 Series](#)

**Mates With**

N/A

**Use With**

Topcoated Ribbon Cable

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