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**Part Number:** **0520040410**  
**Status:** **Active**  
**Overview:** Wire Trap  
**Description:** 1.50mm Pitch Wire Trap, Push-Cover Style, Vertical, 4 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-52004-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52004-001 \(PDF\)](#)

**General**

Product Family	Ribbon Cable / Wire Trap Connectors
Series	<u>52004</u>
Comments	Push-Cover
Component Type	One Piece
Glow-Wire Compliant	No
Overview	<u>Wire Trap</u>
Product Name	Board-in, Wire Trap
UPC	800753573758

**Physical**

Circuits (Loaded)	4
Entry Angle	Vertical
Lock to Mating Part	None
Material - Plating Mating	Tin
Net Weight	592.700/mg
Number of Rows	1
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.50mm
Polarized to Mating Part	N/A
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Wire Insulation Diameter	1.50mm max.
Wire Size AWG	24, 26
Wire/Cable Type	Ribbon Cable

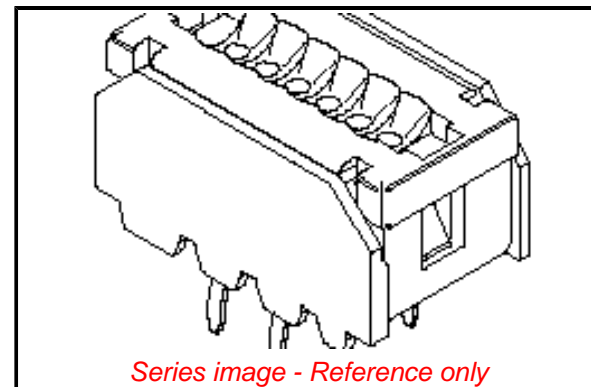
**Electrical**

Current - Maximum per Contact	2.5A
Voltage - Maximum	150V

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-52004-001, PS-52004-002
Sales Drawing	SD-52004-**10



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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**

52004 Series

**Mates With**

N/A

**Use With**

Topcoated Ribbon Cable