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**Part Number:** [0541222629](#)  
**Status:** **Contact Molex**  
**Description:** 1.27mm (.050") Pitch Wire-to-Board Shielded Receptacle, Vertical, Dual Row, 26 Circuits, Lead-free

**Documents:**

[3D Model](#) [Product Specification PS-52986-016 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	54122
Application	Wire-to-Board
Component Type	Receptacle
Product Name	Leaf Style Contact
Type	N/A

**Physical**

Circuits (Loaded)	26
Circuits (maximum)	26
Color - Resin	Black
Durability (mating cycles max)	500
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Orientation	Vertical
PC Tail Length	3.18mm (.125")
PCB Retention	None
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	1.27mm (.050")
Plating min - Mating	0.305µm (12µ")
Plating min - Termination	1.016µm (40µ")
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole
Wire Size AWG	N/A

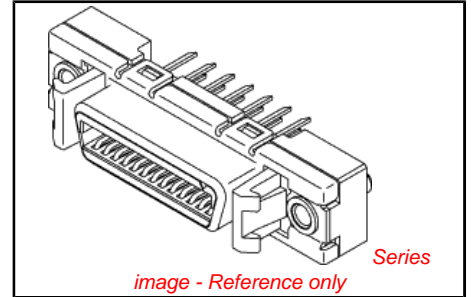
**Electrical**

Current - Maximum per Contact	1A
Shielded	Yes
Voltage - Maximum	250V

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-52986-016, RPS-52986-032, RPS-52986-033
Sales Drawing	SD-54122-001



<b>EU RoHS</b> RoHS Compliant by Exemption REACH SVHC Not Reviewed Low-Halogen Status Not Reviewed	<b>China RoHS</b>  Pb
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**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
54122Series

**Mates With**  
54306 , Link:52316

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