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**Part Number:** [0529863679](#)  
**Status:** **Contact Molex**  
**Description:** 1.27mm (.050") Pitch Wire-to-Board Shielded Receptacle, Right Angle, Dual Row, with Insert Nut for Screw Locks, 36 Circuits, Lead-free

**Documents:**

[3D Model](#) [Product Specification PS-52986-016 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52986-001 \(PDF\)](#)

**General**

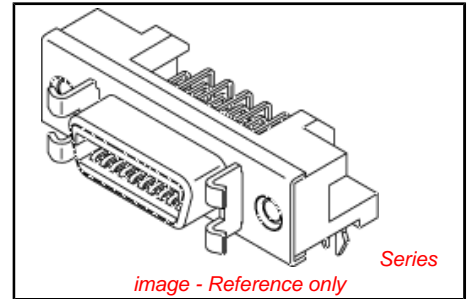
Product Family	I/O Connectors
Series	52986
Application	Wire-to-Board
Component Type	Receptacle
Product Name	Leaf Style Contact
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	500
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.18mm (.125")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	0.305µm (12µ")
Plating min - Termination	1.016µm (40µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A

**Electrical**

Current - Maximum per Contact	1A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC



<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**  
52986Series

**Mates With**  
54306 , Link:52316

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-52986-001, PS-52986-016  
SD-52986-020

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