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Part Number: [0543063619](#)
Status: **Contact Molex**
Description: 1.27mm (.050") Pitch Wire-to-Board Plug, Dual Row, Solder Cup, for Shielded Plug Assembly, 36 Circuits, Lead-free

Documents:

- | | |
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| 3D Model | Product Specification PS-52986-017 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-52986-016 (PDF) | |

Agency Certification

UL E29179

General

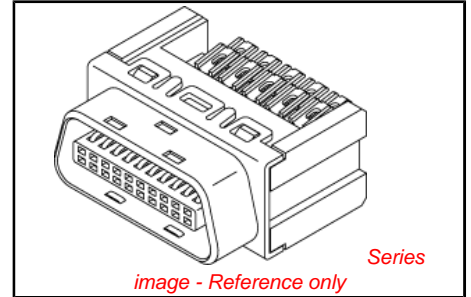
Product Family	I/O Connectors
Series	54306
Application	Wire-to-Board
Component Type	Plug
Product Name	Leaf Style Contact
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	36
Circuits (maximum)	36
Durability (mating cycles max)	500
Flammability	94V-0
Gender	Plug
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	N/A
Packaging Type	Tray
Panel Mount	No
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	Solder or Weld
Waterproof / Dustproof	No
Wire Size AWG	24, 26, 28, 30

Electrical

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



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email 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

[54306Series](#)

Mates With

[52822](#) , [Link:52986](#) , [54122](#)

Use With

[54331](#)

Material Info

Reference - Drawing Numbers

Product Specification

PS-52986-016, PS-52986-017, RPS-52986-032,

RPS-52986-033

Sales Drawing

SD-54306-001

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