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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:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52986-016 \(PDF\)](#)
[Product Specification PS-52986-017 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

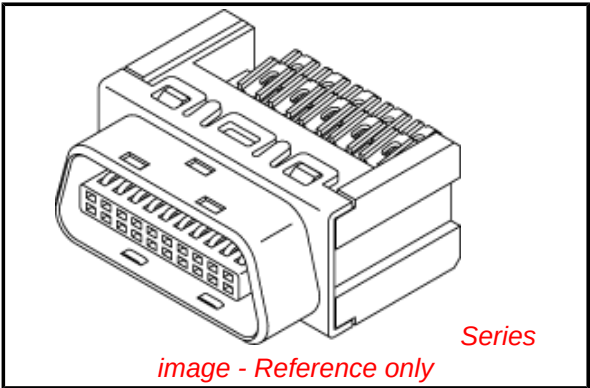
Product Family I/O Connectors
Series [54306](#)
Application Wire-to-Board
Component Type Plug
Product Name Leaf Style Contact
Type N/A

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



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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