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Part Number: **0543065019**
Status: **Active**
Description: 1.27mm Pitch Wire-to-Board Plug, Dual Row, Solder Cup, for Shielded Plug Assembly, 50 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52986-016-001 \(PDF\)](#)
[Product Specification PS-52986-017-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

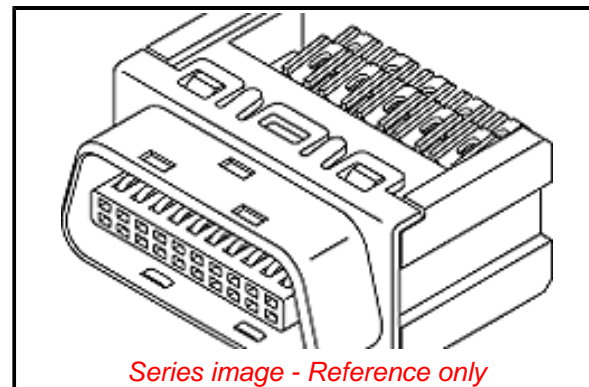
Product Family I/O Connectors
Series 54306
Application Wire-to-Board
Component Type Plug
Product Name Leaf Style Contact
Type N/A
UPC 822348175994

Physical

Boot Color N/A
Circuits (Loaded) 50
Circuits (maximum) 50
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
Net Weight 7284.300/mg
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention N/A
Packaging Type Tray
Panel Mount No
Pitch - Mating Interface 1.27mm
Pitch - Termination Interface 1.27mm
Plating min - Mating 0.305µm
Plating min - Termination 1.016µm
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 1.0A
Shield Type Full Shield
Shielded Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email 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

54306 Series

Mates With

52822 , 52986 , 54122

Use With

54331

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-52986-016-001, PS-52986-017-001

Sales Drawing

SD-54306-001

This document was generated on 07/10/2018

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