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Part Number: [0543063619](#)
Status: **Active**
Description: 1.27mm Pitch Wire-to-Board Plug, Dual Row, Solder Cup, for Shielded Plug Assembly, 36 Circuits

Documents:

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

Agency Certification

UL E29179

General

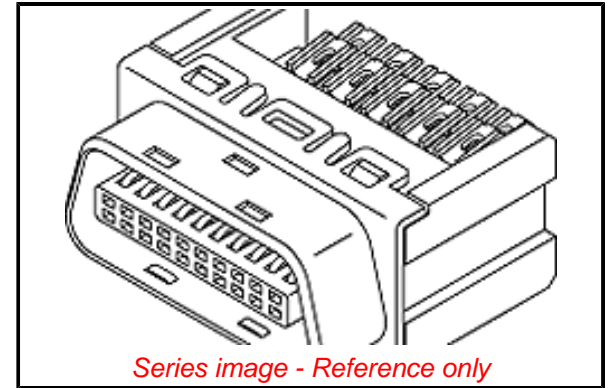
Product Family I/O Connectors
 Series [54306](#)
 Application Wire-to-Board
 Component Type Plug
 Product Name Leaf Style Contact
 Type N/A
 UPC 822348175987

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
 Net Weight 5393.880/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

China RoHS

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

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