

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0523162019](#)
Status: **Active**
Description: 1.27mm Pitch Wire-to-Board Shielded Plug, Dual Row, IDT, 20 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-52316-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-52986-017-001 \(PDF\)](#)

Agency Certification

UL E29179

General

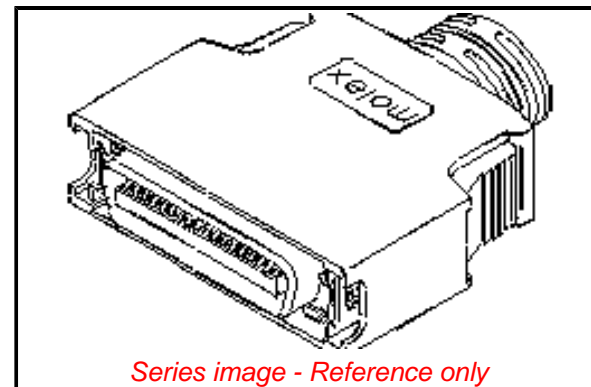
Product Family I/O Connectors
 Series [52316](#)
 Application Wire-to-Board
 Component Type Plug
 Product Name Leaf Style Contact
 Type N/A
 UPC 822348198436

Physical

Boot Color N/A
 Circuits (Loaded) 20
 Circuits (maximum) 20
 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 4995.140/mg
 Number of Rows 2
 Orientation N/A
 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 0.762µm
 Plating min - Termination 1.016µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Ports 1
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55° to +85°C
 Termination Interface: Style IDT or Pierce
 Waterproof / Dustproof No
 Wire Insulation Diameter 0.58mm max.
 Wire Size AWG 28

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/61/2018 (27 June
 2018)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[52316 Series](#)

Mates With

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

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-52316-001-001

Product Specification

PS-52986-017-001

Sales Drawing

SD-52316-002

This document was generated on 02/07/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[52316-2019](#)