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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

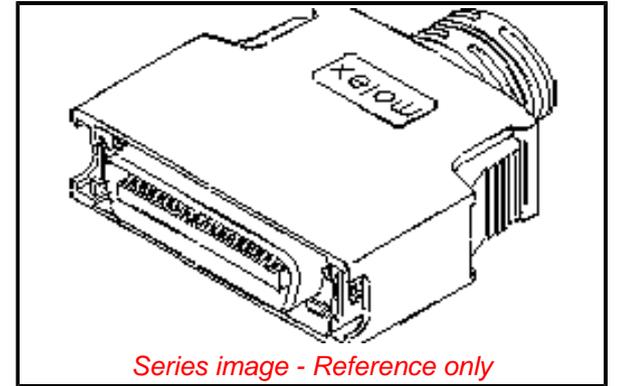
Product Family I/O Connectors
Series [52316](#)
Application Wire-to-Board
Component Type Plug
Product Name Leaf Style Contact
Type N/A
UPC 822348198436

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

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