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Part Number: [0523163619](#)
Status: **Active**
Description: 1.27mm Pitch Wire-to-Board Shielded Plug, Dual Row, IDT, 36 Circuits

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52316-003 \(PDF\)](#)
[Product Specification PS-52515-002 \(PDF\)](#)
- [Product Specification PS-52986-017-001 \(PDF\)](#)
[Packaging Specification SPK-52316-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

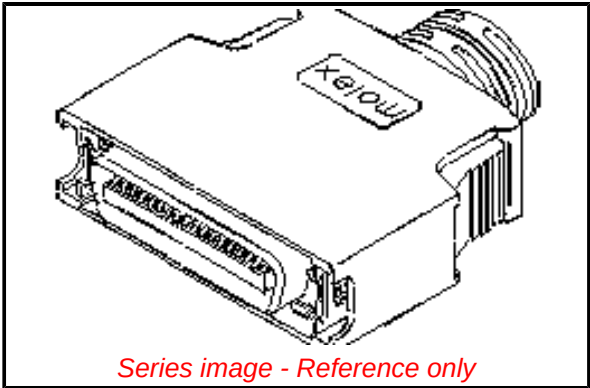
General

Product Family	I/O Connectors
Series	52316
Application	Wire-to-Board
Comments	Conforms-IEEE 1284C Standard, Conforms-IEEE 1284C Standard
Component Type	Plug
Product Name	Leaf Style Contact
Type	N/A
UPC	822348198450

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	6056.252/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[52316](#) Series

Mates With

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

Current - Maximum per Contact	1.0A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-52316-001-001
Product Specification	PS-52316-003, PS-52515-002, PS-52986-017-001
Sales Drawing	SD-52316-002

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