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

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-52986-017-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-52316-001-001 (PDF)</a>
<a href="#">Product Specification PS-52316-003 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-52515-002 (PDF)</a>	

**Agency Certification**

UL E29179

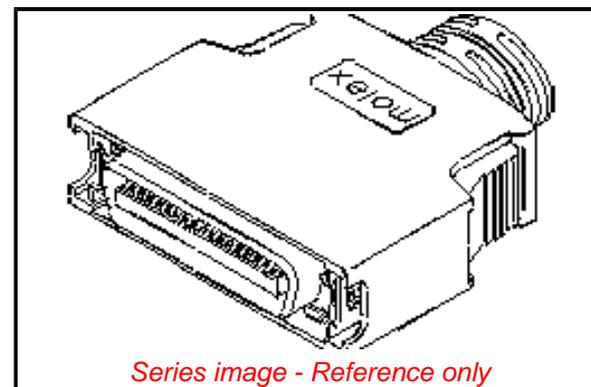
**General**

Product Family	I/O Connectors
Series	<a href="#">52316</a>
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

This document was generated on 02/07/2019

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