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**Part Number:** [0523162619](#)  
**Status:** **Active**  
**Description:** 1.27mm Pitch Wire-to-Board Shielded Plug, Dual Row, IDT, 26 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-52515-006-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-52986-017-001 (PDF)</a>
<a href="#">Product Specification PS-52311-001 (PDF)</a>	<a href="#">Packaging Specification SPK-52316-001-001 (PDF)</a>
<a href="#">Product Specification PS-52311-003-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

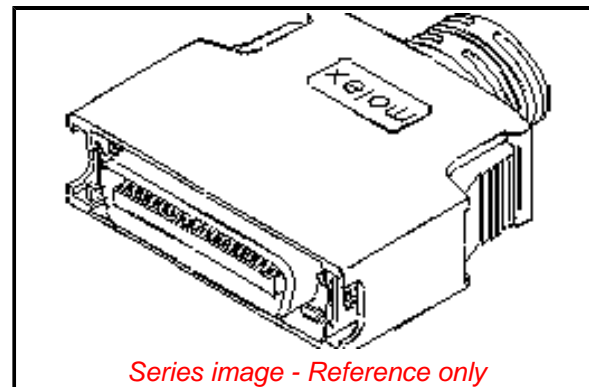
**General**

Product Family	I/O Connectors
Series	<a href="#">52316</a>
Application	Wire-to-Board
Component Type	Plug
Product Name	Leaf Style Contact
Type	N/A
UPC	822348198443

**Physical**

Boot Color	N/A
Circuits (Loaded)	26
Circuits (maximum)	26
Color - Resin	Black
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
Material - Resin	Polyester
Net Weight	5635.932/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°C 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**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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-52311-001, PS-52311-003-001, PS-52515-006-001, PS-52986-017-001
Sales Drawing	SD-52316-002

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