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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	Product Specification PS-52986-017-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-52316-001-001 (PDF)
Product Specification PS-52515-006-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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General

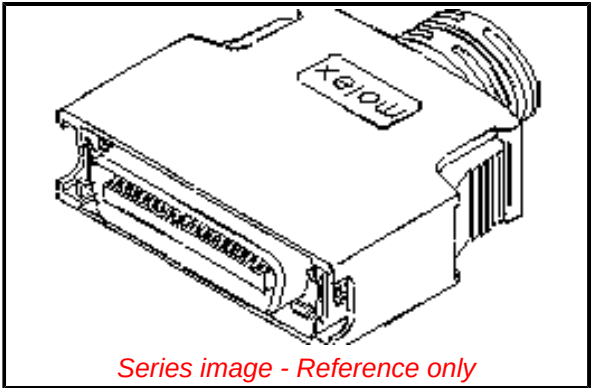
Product Family	I/O Connectors
Series	52316
Application	Wire-to-Board
Component Type	Plug
Product Name	Leaf Style Contact
Type	N/A
UPC	822348198436

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°C 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

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

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environmental compliance?**

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Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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-52515-006-001, PS-52986-017-001

Sales Drawing

SD-52316-002

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