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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	Product Specification PS-52986-017-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-52316-001-001 (PDF)
Product Specification PS-52316-003 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-52515-002 (PDF)	

Agency Certification

UL E29179

General

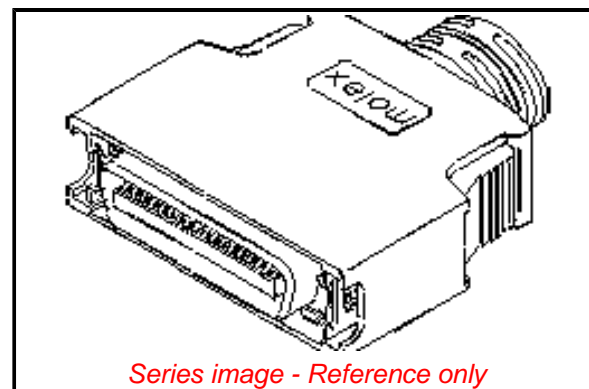
Product Family	I/O Connectors
Series	52316
Application	Wire-to-Board
Comments	Conforms-IEEE 1284C Standard
Component Type	Plug
Product Name	Leaf Style Contact
Type	N/A
UPC	822348198450

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°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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

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environmental compliance?**

Email productcompliance@molex.com
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](#)

Shield Type
Shielded
Voltage - Maximum

Full Shield
Yes
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

SPK-52316-001-001
PS-52316-003, PS-52515-002, PS-52986-017-001
SD-52316-002

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