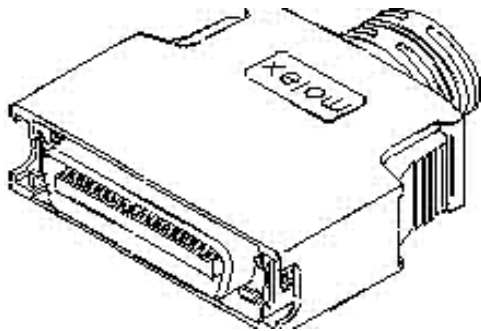




Part Number : [523162019](#)
Product Description : 1.27mm Pitch Wire-to-Board
Shielded Plug, Dual Row, IDT, 20 Circuits
Series Number : 52316
Status : Obsolete
Product Category : I/O Connectors



Documents and Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	I/O Connectors
Series	52316
Description	1.27mm Pitch Wire-to-Board Shielded Plug, Dual Row, IDT, 20 Circuits
Application	Wire-to-Board
Component Type	Plug
Product Name	Leaf Style Contact
Type	N/A
UPC	822348198436

Agency

UL	E29179
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Electrical

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

Physical

Boot Color	N/A
Circuits (Loaded)	20
Circuits (maximum)	20
Durability (mating cycles max)	500
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
Packaging Type	Tray
Panel Mount	No
PCB Locator	No
PCB Retention	N/A
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
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

Application Tooling

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