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Part Number: [78528-0001](#)
Status: **Active**
Description: 0.80mm, 1.27mm Micro SAS Plug, Right Angle, Straddle Mount, with drive holder, 0.76µm Gold (Au) Plating, 23 Circuits, Halogen free, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-78528-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [78528](#)
 Application Board-to-Board
 Comments Drive holder feature in housing-support drive casing (refer-isometric picture in Sales drawing); housing is not flush but has step
 Component Type Plug
 Product Name Micro SAS
 Type N/A
 UPC 884982059627

Physical

Boot Color N/A
 Circuits (Loaded) 25
 Circuits (maximum) 25
 Circuits Detail Signal 14, Power 9, Sideband 2
 Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Gender Male
 Keying to Mating Part Yes
 Lock to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.203/g
 Number of Rows 2
 Orientation Horizontal
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.00mm
 Packaging Type Tray
 Panel Mount Yes
 Pitch - Mating Interface 0.80mm, 1.27mm
 Pitch - Termination Interface 0.80mm, 1.27mm
 Plating min - Mating 0.762µm
 Plating min - Termination 1.905µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Ports 2
 Temperature Range - Operating 0°C to +55°C

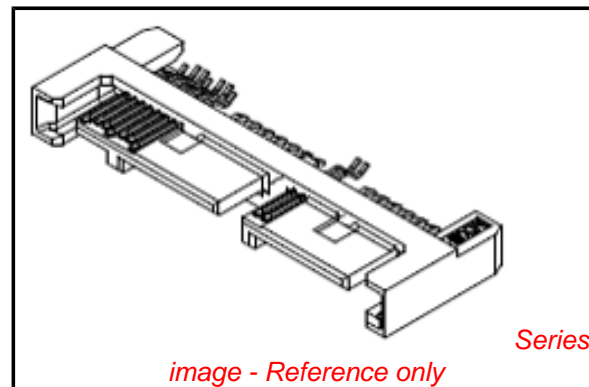


image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

[78528Series](#)

Mates With

[78395](#) , [78396](#) , [78495](#) Micro SAS Receptacles

Termination Interface: Style	Straddle Mount
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	30V

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-78495-002, EE-78528-001, EE-78617-001
Product Specification	PS-78528-001
Sales Drawing	SD-78528-001

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