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Part Number: [78495-0001](#)
Status: **Active**
Description: 0.80mm, 1.27mm Micro SAS Receptacle, Dual Stack, Right Angle, Surface Mount, 0.76µm Gold (Au) Plating, 50 Circuits, for 1.00-1.57mm PCB Thickness, Halogen free, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-78495-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family I/O Connectors
 Series [78495](#)
 Application Board-to-Board
 Component Type Receptacle
 Product Name Micro SAS
 Type N/A
 UPC 884982106079

Physical

Boot Color N/A
 Circuits (Loaded) 50
 Circuits (maximum) 50
 Circuits Detail Signal 28, Power 18, Sideband 4
 Color - Resin Black
 Durability (mating cycles max) 500
 Gender Female
 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 4.748/g
 Number of Rows 4
 Orientation Right Angle
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.57mm
 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 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Ports 4
 Temperature Range - Operating 0°C to +55°C
 Termination Interface: Style Surface Mount
 Waterproof / Dustproof No
 Wire Size AWG N/A

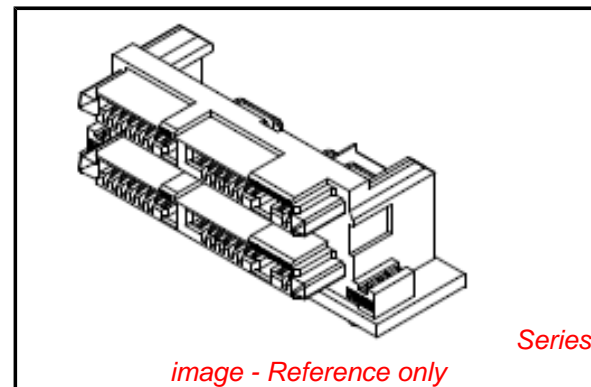


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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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

[78495Series](#)

Mates With

[78394](#) , [78528](#) Micro SAS Plugs

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 10
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 260

Material Info**Reference - Drawing Numbers**

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

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