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**Part Number:** [0784950001](#)  
**Status:** **Active**  
**Overview:** [Micro Serial Attached SCSI Connectors \(Micro SAS\)](#)  
**Description:** 0.80mm, 1.27mm Micro SAS 6G 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](#) [Packaging Specification PK-78495-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78495-001-001 \(PDF\)](#)

**Agency Certification**

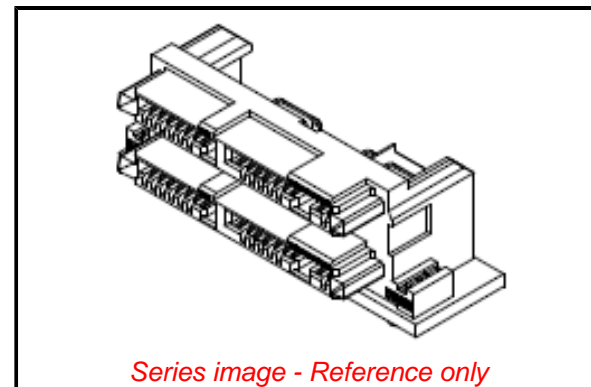
UL E29179

**General**

Product Family I/O Connectors  
 Series [78495](#)  
 Application Board-to-Board  
 Component Type Receptacle  
 Electrical Model Yes  
 Overview [Micro Serial Attached SCSI Connectors \(Micro SAS\)](#)  
 Product Name Micro SAS 6G  
 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 5.020/g  
 Number of Rows 4  
 Orientation Right Angle  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.57mm  
 Packaging Type Tray  
 Panel Mount No  
 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  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating 0°C to +55°C  
 Termination Interface: Style Surface Mount



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[78495](#) Series

**Mates With**

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

Waterproof / Dustproof	No
Wire Size AWG	N/A

**Electrical**

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	30V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Electrical Model Document	EE-78495-002
Packaging Specification	PK-78495-001
Product Specification	PS-78495-001-001
Sales Drawing	SD-78495-001

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