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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](#)

[Drawing \(PDF\)](#)

[Product Specification PS-78495-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

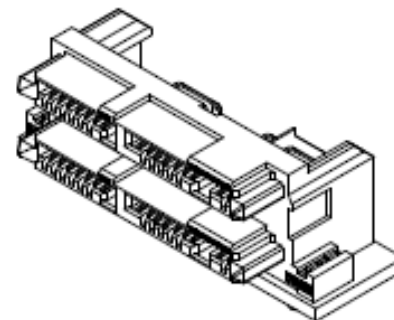
UL E29179

General

Product Family	I/O Connectors
Series	78495
Application	Board-to-Board
Component Type	Receptacle
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
Waterproof / Dustproof	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[78495](#) Series

Mates With

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

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

Product Specification PS-78495-001, RPS-78495-001

Sales Drawing SD-78495-001

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