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Part Number: [0783950001](#)

Status: **Active**

Overview: [Micro Serial Attached SCSI Connectors \(Micro SAS\)](#)

Description: 0.80mm, 1.27mm Micro SAS 6G Receptacle, Right Angle, Surface Mount, 0.76µm Gold (Au) Plating, 25 Circuits, for 1.00mm PCB Thickness, Halogen free, Lead-Free

Documents:

[3D Model](#)

[Product Specification PS-78395-001 \(PDF\)](#)

[Drawing \(PDF\)](#)

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

Agency Certification

CSA LR19980

UL E29179

General

Product Family I/O Connectors

Series [78395](#)

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 883906495442

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 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 1.844/g

Number of Rows 2

Orientation Right Angle

PCB Locator Yes

PCB Retention Yes

PCB Thickness - Recommended 1.00mm

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

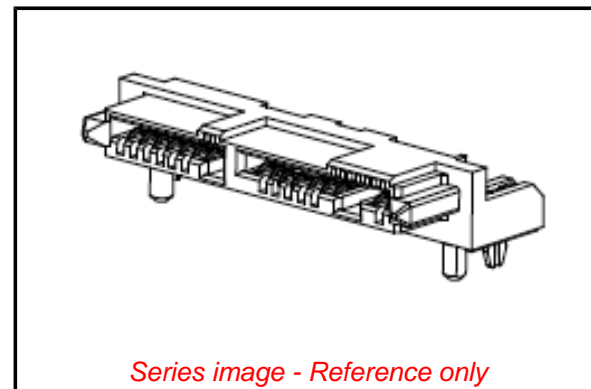
Polarized to Mating Part Yes

Polarized to PCB Yes

Surface Mount Compatible (SMC) Yes

Temperature Range - Operating 0°C to +55°C

Termination Interface: Style Surface Mount



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

[78395](#) 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	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Electrical Model Document	EE-78395-001
Product Specification	PS-78395-001
Sales Drawing	SD-78395-001

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