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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-78395-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

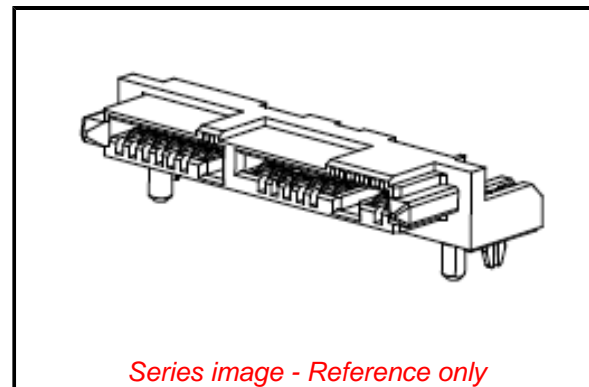
CSA LR19980
 UL E29179

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° to +55°C
 Termination Interface: Style Surface Mount



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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-78395-001-001
Sales Drawing	SD-78395-001

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