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Part Number: [0783950002](#)
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 1.20-1.60mm PCB Thickness, Halogen free, Lead-Free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

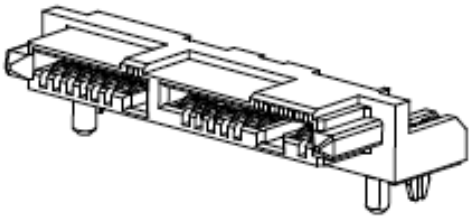
CSA LR19980
UL E29179

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 883906495459

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 1.896/g
Number of Rows 2
Orientation Right Angle
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

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

Termination Interface: Style	Surface Mount
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-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

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