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Part Number:

0783950001

Status:

Active

Overview:

Serial Attached SCSI (SAS) Connectors

Description:

0.80mm, 1.27mm Micro SAS-2 Receptacle, Right-Angle, Surface Mount, 0.76µm Gold (Au) Plating, 25 Circuits, for 1.00mm PCB Thickness, Halogen free, Lead-Free

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-78395-001-001 (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

Serial Attached SCSI (SAS) Connectors

Product Name

Micro SAS 6G, Micro SAS-2

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

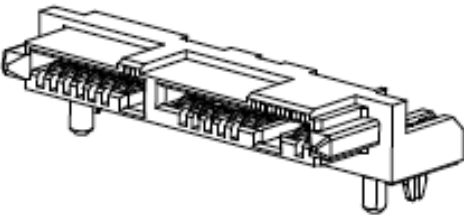
Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

0° to +55°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

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

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