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Part Number:

0784950001

Status:

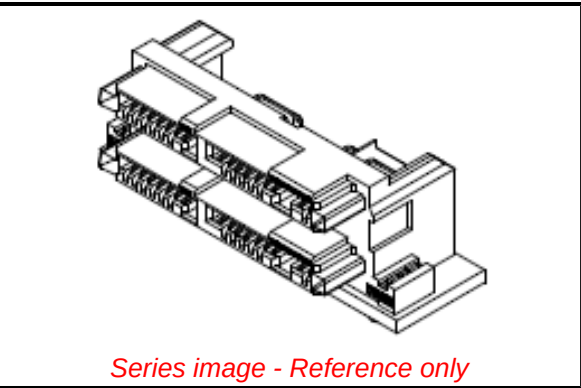
Active

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-78495-001-001 \(PDF\)](#)

[Packaging Specification PK-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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -ED/01/2018 (15 January 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

78495 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-freeProcess 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
Packaging Specification	PK-78495-001
Product Specification	PS-78495-001-001
Sales Drawing	SD-78495-001

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