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Part Number: [0878390017](#)
Status: **Active**
Overview: Serial Attached SCSI (SAS) Connectors
Description: 1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS-2 Receptacle, Vertical, Hybrid, with Straight Solder Tab, 3.00mm PCB Thickness, Embossed Tape Packaging, with Cap, 29 Circuits, Lead-Free

Documents:
[3D Model](#) [Product Specification PS-87839-041-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-87839-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

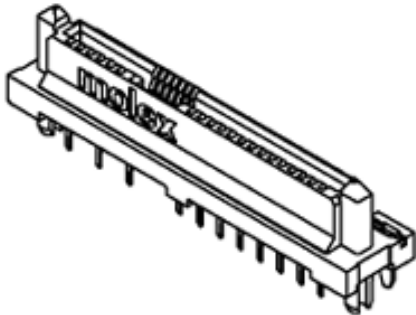
CSA LR19980
UL E29179

General

Product Family I/O Connectors
Series [87839](#)
Application Board-to-Board
Comments With pick and place cap
Component Type Receptacle
Overview Serial Attached SCSI (SAS) Connectors
Product Name SAS 6G, SAS-2
Type N/A
UPC 822350321525

Physical

Boot Color N/A
Circuits (Loaded) 29
Circuits (maximum) 29
Circuits Detail Signal 14, Power 15
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 Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 1.818/g
Number of Rows 2
Orientation Vertical
PC Tail Length 2.99mm, 3.49mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 3.00mm
Packaging Type Embossed Tape on Reel
Panel Mount Yes
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



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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[87839](#) Series

Mates With

Device Plugs [87679](#) , [87799](#) , [87703](#) , SFF
8482 Hard Disk Drive and Backplane Plug

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	0° to +55°C
Termination Interface: Style	Surface Mount and Through Hole
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-87839-001-001, EE-87839-002-001
Packaging Specification	PK-87839-001-001
Product Specification	PS-87839-041-001
Sales Drawing	SD-87839-040-001

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