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Part Number:

0878390017

Status:

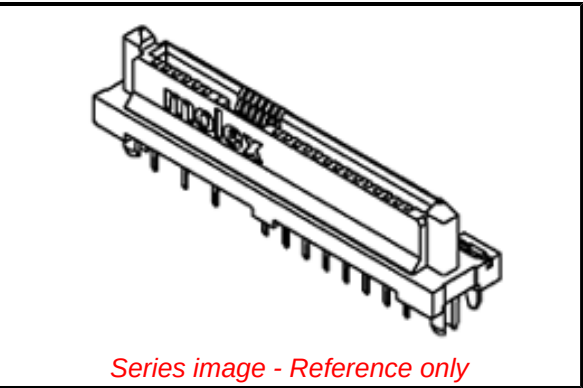
Active

Overview:

Serial Attached SCSI (SAS) Connectors

Description:

1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS 6G Receptacle, Vertical, Hybrid, with Straight Solder Tab, 3.00mm PCB Thickness, Embossed Tape Packaging, with Cap, 29 Circuits, Lead-Free



Documents:

3D Model

Packaging Specification PK-87839-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-87839-041-001 (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, With pick and place cap
Component Type	Receptacle
Overview	Serial Attached SCSI (SAS) Connectors
Product Name	SAS 6G
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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

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, EE-87839-002
Packaging Specification	PK-87839-001
Product Specification	PS-87839-041-001
Sales Drawing	SD-87839-040

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