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Part Number:

0879751002

Status:

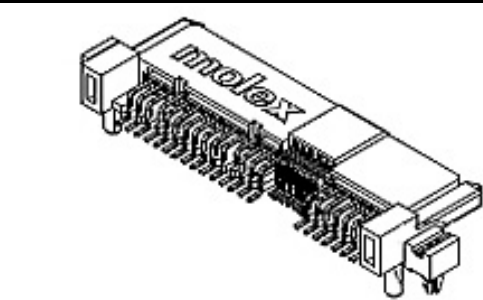
Active

Overview:

Serial Attached SCSI (SAS) Connectors

Description:

1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS 6G Receptacle, Right Angle, Surface Mount, Blade Lock, with Straight Solder Tab, "Z" Height of 2.85mm, 29 Circuits, Lead-Free



Series image - Reference only

Documents:

3D Model

Packaging Specification PK-87975-200 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-87975-102-001 (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	I/O Connectors
Series	87975
Application	Board-to-Board
Comments	No pick and place cap "Z" Height - 2.85mm
Component Type	Receptacle
Overview	Serial Attached SCSI (SAS) Connectors
Product Name	SAS 6G
Type	N/A
UPC	822350012027

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	2.150/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
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
Surface Mount Compatible (SMC)	Yes

EU ELV
Not Relevant

EU RoHS Compliant	China RoHS
REACH SVHC	
Not Contained Per -	
ED/30/2017 (7 July	
2017)	
Halogen-Free	
Status	
Not 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
87975 Series

Mates With
87679 , 87799 , 87703 , SFF 8482 Hard
Disk Drive and Backplane Plug

Temperature Range - Operating	0°C to +55°C
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-87975-001
Packaging Specification	PK-87975-200
Product Specification	PS-87975-102-001
Sales Drawing	SD-87975-101

This document was generated on 08/01/2017

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