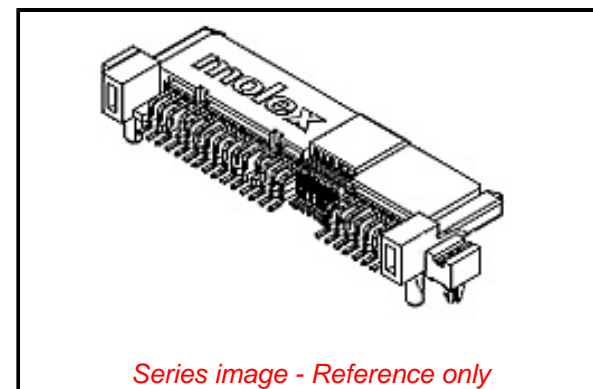


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Part Number: [0879751001](#)
Status: **Active**
Overview: Serial Attached SCSI (SAS) Connectors
Description: 1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS-2 Receptacle, Right-Angle, Surface Mount, Fork Lock, "Z" Height of 2.85mm, with Beveled Metal Pins, 29 Circuits, Lead-Free

Documents:

| | |
|--------------------------------|--|
| 3D Model | Product Specification PS-87975-102-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-87975-200-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (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, SAS-2 |
| Type | N/A |
| UPC | 822350012010 |

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 | 2.141/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

REACH SVHC

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

Halogen-Free

Status

Not 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

[87975](#) Series

Mates With

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

| | |
|-------------------------------|---------------|
| Temperature Range - Operating | 0° 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-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|------------------|
| Electrical Model Document | EE-87975-001-001 |
| Packaging Specification | PK-87975-200-001 |
| Product Specification | PS-87975-102-001 |
| Sales Drawing | SD-87975-101-001 |

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