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Part Number: [87863-0025](#)
Status: **Active**
Overview: [Serial Attached SCSI \(SAS\) Connectors](#)
Description: 1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS Receptacle, Vertical, Press fit, 3.50mm Tail Length, 29 Circuits, Lead-Free

Documents:
[3D Model](#) [Product Specification PS-87863-060 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

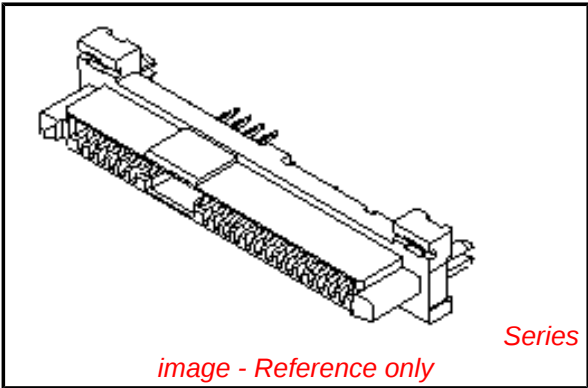
CSA LR19980
UL E29179

General

Product Family I/O Connectors
Series [87863](#)
Application Board-to-Board
Comments No pick and place cap
Component Type Receptacle
Overview [Serial Attached SCSI \(SAS\) Connectors](#)
Product Name SAS
Type N/A
UPC 822350197410

Physical

Boot Color N/A
Circuits (Loaded) 29
Circuits (maximum) 29
Circuits Detail Signal 7, SCSI 7, 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 1.610/g
Number of Rows 2
Orientation Vertical
PC Tail Length 3.00mm, 3.50mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 2.29mm, 3.18mm
Packaging Type Tray
Panel Mount Yes
Pitch - Mating Interface 0.80mm, 1.27mm
Pitch - Termination Interface 0.80mm, 1.27mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Temperature Range - Operating 0°C to +55°C
Termination Interface: Style Through Hole - Compliant Pin
Waterproof / Dustproof No



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[87863Series](#)

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

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-87863-001, EE-87863-002, EE-87863-003, EE-87863-004, EE-87863-005, EE-87863-006, EE-87863-007, EE-87863-008
Product Specification	PS-87863-060
Sales Drawing	SD-87863-059

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