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Part Number:

0878630015

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, Press fit, 2.70mm Tail Length, 29 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-87863-060-001 (PDF)

Packaging Specification PK-87863-001-001 (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 6G, SAS-2

Taxonomy

I/O Connectors

Type

N/A

UPC

822348828012

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

1.589/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

2.20mm, 2.70mm

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

Plating min - Mating

0.762µm

Plating min - Termination

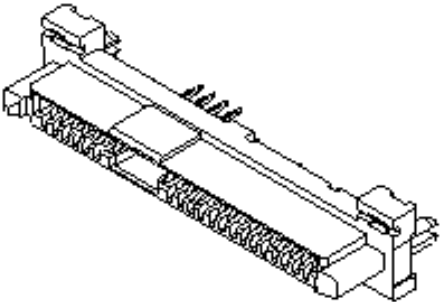
2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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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

87863 Series

Mates With

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

Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	0° to +55°C
Termination Interface: Style	Through Hole - Compliant Pin
Waterproof / Dustproof	No
Wire Size AWG	N/A
Electrical	
Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	30V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Electrical Model Document	EE-87863-001-001, EE-87863-002-001, EE-87863-003-001, EE-87863-004-001, EE-87863-005-001, EE-87863-006-001, EE-87863-007-001, EE-87863-008-001
Packaging Specification	PK-87863-001-001
Product Specification	PS-87863-060-001
Sales Drawing	SD-87863-059-001

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