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**Part Number:** **0788320006**

**Status:** **Active**

**Overview:** Micro Serial Attached SCSI Connectors (Micro SAS)

**Description:** 0.80mm Signal Pitch, 1.27mm Power Pitch Micro SAS-3 Receptacle, Vertical, Surface Mount, 0.76µm Selective Gold (Au) Plating, 25 Circuits, for 1.00mm PCB Thickness, Halogen free, Lead-Free

**Documents:**

[3D Model](#)

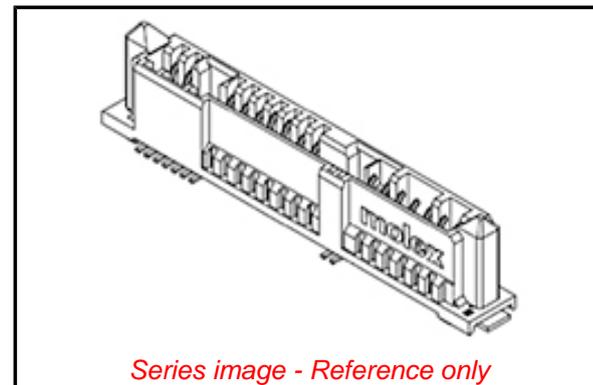
[Drawing \(PDF\)](#)

[Product Specification PS-78832-001 \(PDF\)](#)

[Application Specification AS-78832-001 \(PDF\)](#)

[Packaging Specification PK-78832-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



*Series image - Reference only*

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family I/O Connectors  
Series 78832  
Application Board-to-Board  
Component Type Receptacle  
Electrical Model Yes  
Overview Micro Serial Attached SCSI Connectors (Micro SAS)  
Product Name Micro SAS 3.0  
Type N/A  
UPC 887191534718

**Physical**

Boot Color N/A  
Circuits (Loaded) 25  
Circuits (maximum) 25  
Circuits Detail Signal 14, Power 9, Sideband 2  
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 Copper Alloy  
Material - Plating Mating Gold over Nickel  
Material - Plating Termination Tin over Nickel  
Material - Resin High Temperature Thermoplastic  
Net Weight 0.813/g  
Number of Rows 2  
Orientation Vertical  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.00mm  
Packaging Type Embossed Tape on Reel  
Panel Mount No  
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  
Temperature Range - Operating 0°C to +55°C

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

78832 Series

Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	1.5A
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**

Application Specification	AS-78832-001
Electrical Model Document	EE-78832-002
Packaging Specification	PK-78832-001
Product Specification	PS-78832-001, RPS-78832-001
S-Parameter Model	SP-78832-002
Sales Drawing	SD-78832-001, SD-78832A-001

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