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**Part Number:** **0872210026**  
**Status:** **Active**  
**Description:** 1.27mm (.050") Wide SCSI Pitch, 2.00mm (.079") Connector Pitch, 5.08mm (.200") Power Pitch, 3-in-1 Combo Connector, Vertical, Straddle Mount, Lead-free, 1.6mm (.063") PCB thickness

**Documents:**

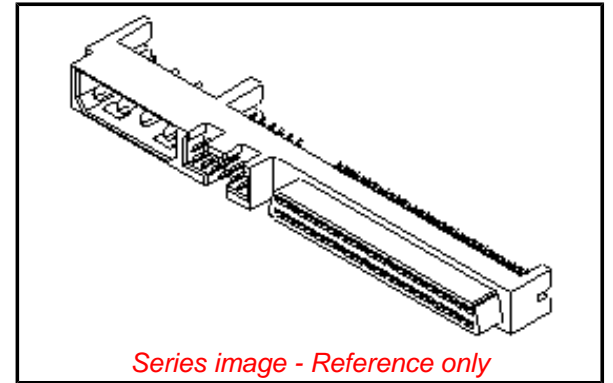
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<u>87221</u>
Application	Wire-to-Board
Component Type	Plug
Product Name	3-in-1 Combo
Product Name	SCSI+
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	84
Circuits (maximum)	84
Color - Resin	Black
Durability (mating cycles max)	25
Gender	Female
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (in)	0.200 In
Pitch - Mating Interface (mm)	1.27 mm
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Mating Interface (mm)	5.08 mm
Pitch - Term. Interface (in)	0.050 In
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (in)	0.200 In
Pitch - Term. Interface (mm)	1.27 mm
Pitch - Term. Interface (mm)	2.00 mm
Pitch - Term. Interface (mm)	5.08 mm
Plating min: Mating (µin)	101.6
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Mating (µm)	2.54
Plating min: Termination (µin)	101.6



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status**  
**Halogen-Free**

**China RoHS**



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non-product compliance questions.

**Search Parts in this Series**

87221 Series

**Mates With**

2mm receptacle, 8981 Disk Drive Power  
Connection System, 70498-4068 SCSI+  
Plug

Plating min: Termination (µm)	2.54
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	3
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	0°C to +85°C
Termination Interface: Style	Straddle Mount
Waterproof / Dustproof	No
Wire Size AWG	N/A

**Electrical**

Current - Maximum	1A
Shielded	No
Voltage - Maximum	12V DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Sales Drawing	SD-87221-006
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