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Part Number:

1510020005

Status:

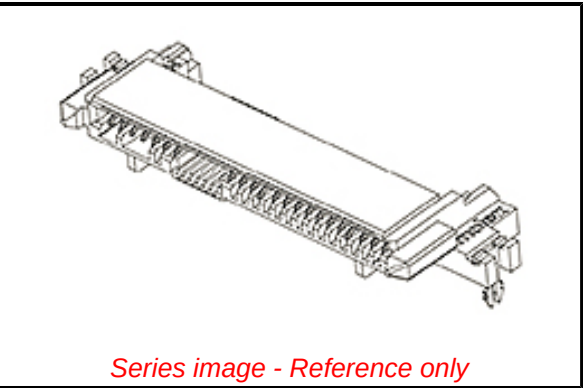
Active

Overview:

Serial Attached SCSI (SAS) Connectors

Description:

1.27mm Signal Pitch, 0.80mm Signal Pitch, 1.27mm Power Pitch SAS-3 Receptacle, Right-Angle, Surface Mount, with Forklock, 4.15mm Height, 3.50mm Peg Length, 1.60mm PCB Thickness, 29 Circuits, with Cap, Embossed Tape and Reel, Lead-Free



Series image - Reference only

Documents:	
3D Model	Application Specification AS-151002-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-151002-0002-001 (PDF)
3D Model (PDF)	Test Summary TS-151002-0001-001 (PDF)
Product Specification PS-151002-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	151002
Application	Board-to-Board
Comments	Without Cap
Component Type	Receptacle
Electrical Model	Yes
Overview	Serial Attached SCSI (SAS) Connectors
Product Name	SAS 12G, SAS-3
Type	N/A
UPC	889056632096

Physical	
Circuits (Loaded)	29
Circuits Detail	Signal 14, Power 15
Color - Resin	Black
Durability (mating cycles max)	500
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	2.076/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	0° to +55°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

Electrical

EU ELV Compliant	
EU RoHS Compliant	China RoHS
REACH SVHC Not Contained Per - D(2021)4569-DC (8 July 2021)	
Halogen-Free Status Low-Halogen	
For more information, please visit Contact US	
China ROHS ELV	Green Image Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
151002 Series

Mates With
SFF-8482 and SFF-8680 Plugs|SAS / SATA
Plugs

Current - Maximum per Contact	1.5A
Voltage - Maximum	30V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-151002-0001-001
Electrical Model Document	EE-151002-0001-001
Packaging Specification	PK-151002-0002-001
Product Specification	PS-151002-0001-001, RPS-151002-0001-001
S-Parameter Model	SP-151002-0001-001
Sales Drawing	SD-151002-0001-001
Test Summary	TS-151002-0001-001

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