

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0787570006

Status:

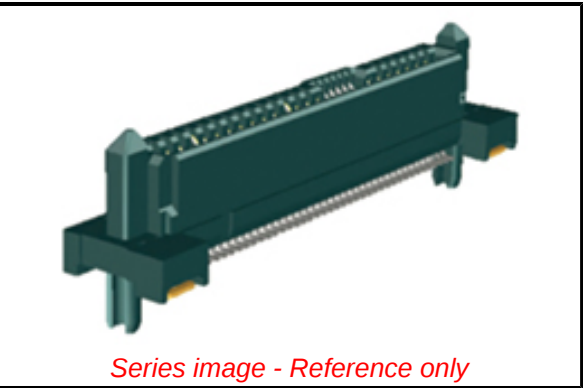
Active

Overview:

Serial Attached SCSI (SAS) Connectors

Description:

1.27mm Signal Pitch, 0.80mm Signal Pitch, 1.27mm Power Pitch SAS-3/PCIe-3 Receptacle, Vertical, Surface Mount, with Front Solder Tab, 8.15mm Height, 1.00mm Peg Length, 0.80mm Peg Diameter, 1.60mm PCB Thickness, 68 Circuits, with Cap, Embossed Tape and Reel, Lead-Free



Documents:	
3D Model	Application Specification AS-78757-001-001 (PDF)
3D Model (PDF)	Packaging Specification PK-78757-001-001 (PDF)
Drawing (PDF)	Test Summary TS-78757-001-001 (PDF)
Product Specification PS-78757-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	78757
Application	Board-to-Board
Comments	With Cap
Component Type	Receptacle
Electrical Model	Yes
Overview	Serial Attached SCSI (SAS) Connectors
Product Name	SAS-3/PCIe-3, U.2 (SFF-8639)
Type	N/A
UPC	887191568508
Physical	
Circuits (Loaded)	68
Circuits Detail	Signal 53, 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	1.840/g
Number of Rows	2
Orientation	Vertical
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

Electrical

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

78757 Series

Mates With

U.2 (SFF-8639) Plugs|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-78757-001-001
Electrical Model Document	EE-78757-001-001, EE-78757-002-001
Packaging Specification	PK-78757-001-001
Product Specification	PS-78757-001-001
S-Parameter Model	SP-78757-001-001, SP-78757-002-001
Sales Drawing	SD-78757-001-000
Signal Integrity Report	SI-78757-001-001
Test Summary	TS-78757-001-001

This document was generated on 10/06/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

78757-0006