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Part Number:

0877791001

Status:

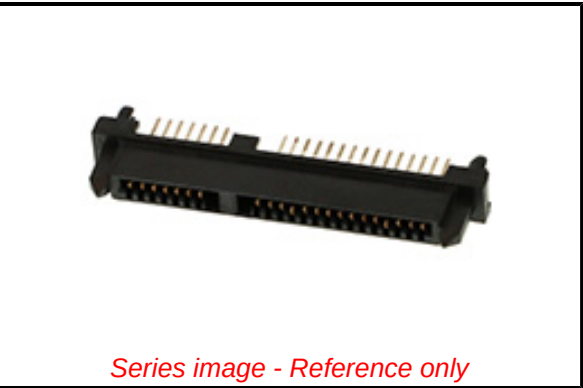
Active

Overview:

Serial ATA Connectors

Description:

1.27mm Pitch Serial ATA Backplane Receptacle, Through Hole, Vertical, Standard Height, 0.76µm Gold (Au) Selective, 22 Circuits, Lead-Free



Documents:	
3D Model	Product Specification PS-87779-011-001 (PDF)
3D Model (PDF)	Packaging Specification PK-87779-100-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Receptacles
Series		87779
Application		Board-to-Board, Signal
Component Type		PCB Receptacle
Electrical Model		Yes
Overview		Serial ATA Connectors
Product Name		Serial ATA
Taxonomy		PCB Headers and Receptacles
UPC		822348731916
Physical		
(p)ower-(s)ignal Configuration		15p - 7s
Circuits (Loaded)		22
Circuits (maximum)		22
Durability (mating cycles max)		500
Flammability		94V-0
Glow-Wire Capable		No
Lock to Mating Part		Yes
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Net Weight		1.354/g
Number of Rows		1
Orientation		Vertical
PC Tail Length		3.45mm
PCB Locator		Yes
PCB Retention		None
PCB Thickness - Recommended		0.80mm, 2.50mm
Packaging Type		Tray
Pitch - Mating Interface		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		-40° to +105°C
Termination Interface: Style		Surface Mount
Electrical		
Current - Maximum per Contact		1.5A
Voltage - Maximum		30V
Solder Process Data		

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

87779 Series

Mates With

87703 Serial ATA Combo Plug, 87799 Serial ATA Combo Plug

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-87779-001-001, EE-87779-002-001
Packaging Specification	PK-87779-100-001
Product Specification	PS-87779-011-001
S-Parameter Model	SP-87779-002-001
Sales Drawing	SD-87779-020-001

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