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Part Number:

0877811001

Status:

Active

Overview:

Serial ATA Connectors

Description:

1.27mm Pitch Serial ATA Host Receptacle, Surface Mount, Vertical, Extended Height, 0.76µm Gold (Au) Selective, 22 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

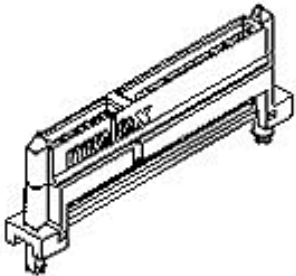
3D Model (PDF)

Product Specification PS-87781-005-001 (PDF)

Packaging Specification PK-87781-100-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Receptacles
Series	87781
Application	Board-to-Board, Signal
Overview	Serial ATA Connectors
Product Name	Serial ATA
UPC	822348861309
Physical	
(p)ower-(s)ignal Configuration	15p - 7s
Circuits (Loaded)	22
Circuits (maximum)	22
Durability (mating cycles max)	500
Glow-Wire Capable	No
Guide to Mating Part	Yes
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	2.086/g
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
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)	N/A
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole and Surface Mount
Electrical	
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	
Packaging Specification	PK-87781-100-001



Series image - Reference only

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

87781 Series

Mates With

87679 , 87799 , 87703

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