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Part Number: [0877011001](#)
Status: **Active**
Overview: serial_ata_127_host_receptacles
Description: 1.27mm (.050") Pitch Serial ATA Host Receptacle, Press-fit, Vertical, Standard Height, 0.76µm (30µ") Gold (Au) Selective, 22 Circuits, Leadfree

Documents:

3D Model	Product Specification PS-87701-033 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	87701
Application	Board-to-Board, Signal
Overview	serial_ata_127_host_receptacles
Product Literature Order No	SNG-029
Product Name	Serial ATA

Physical

(p)ower-(s)ignal Configuration	15p - 7s
Circuits (Loaded)	22
Durability (mating cycles max)	500
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.45mm (.136")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.52mm (.060"), 2.03mm (.080")
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	2.540µm (100µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Product Specification	PS-87701-033
Sales Drawing	SD-87701-013

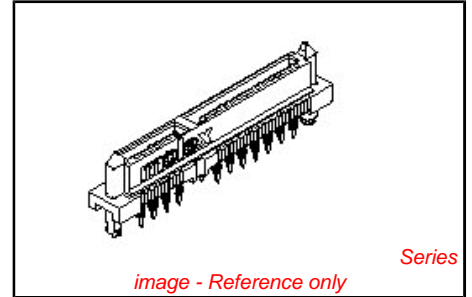


image - Reference only

EU RoHS

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

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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