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Part Number: [0877810001](#)
Status: **Obsolete**
Description: 1.27mm (.050") Pitch Serial ATA Host Receptacle, Surface Mount, Vertical, Extended Height, 0.76µm (30µ") Gold (Au) Selective, 22 Circuits, Tin/Lead
Replacement Part Number: [877811001](#)

Documents:
[Drawing \(PDF\)](#)

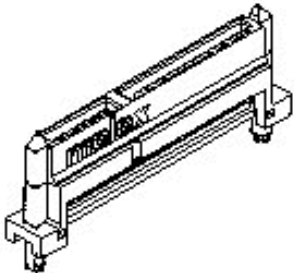
General	
Product Family	PCB Receptacles
Series	87781
Application	Board-to-Board, Signal
Obsolete Date	2006/02/01
Product Name	Serial ATA
Replacement Part Number	877811001

Physical	
(p)ower-(s)ignal Configuration	15p - 7s
Circuits (Loaded)	22
Durability (mating cycles max)	500
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Plating min - Mating	0.762µm (30µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

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

Solder Process Data	
Replacement RoHS Compliant Part Number	0877811001

Material Info



Series

image - Reference only

EU RoHS Not RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Not Reviewed	China RoHS
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Need more information on product environmental compliance?

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

Please visit the [Contact Us](#) section for any non-product compliance questions.

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