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**Part Number:** [0876780001](#)  
**Status:** **Obsolete**  
**Description:** 1.27mm (.050") Pitch Serial ATA Backplane Receptacle, Through Hole, Vertical, Extended Height, 0.76µm (30µ") Gold (Au) Selective, 22 Circuits, Tin/Lead  
**Replacement Part Number:** [876781001](#)

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

**General**

Product Family	PCB Receptacles
Series	<a href="#">87678</a>
Application	Board-to-Board, Signal
Obsolete Date	2005/06/01
Product Name	Serial ATA
Replacement Part Number	<a href="#">876781001</a>

**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	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.45mm (.136")
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	0.80mm (.031"), 2.50mm (.098")
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)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

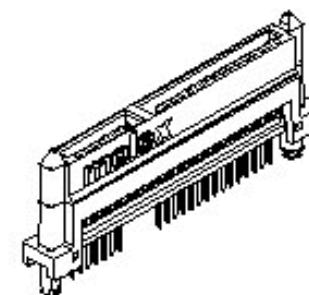
**Electrical**

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

**Solder Process Data**

Replacement RoHS Compliant Part Number	0876781001
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**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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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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