



**Part Number: SATA-101-0115-X**

**SATA 7P/15P 2 IN 1 SOCKET,  
Backplane, SMT TYPE,**

- Compatible to small form factor specification
- SMT compatible
- Various gold thickness available
- High Reliability

**1. Material:**

- A. Contact: Copper alloy.
- B. Housing: High temperature Thermoplastic, UL 94 V-0, black.

**2. Finish:**

All Pins :

Gold (Refer to the P/N System on page 2 for Gold plating thickness) plated at the mating area, 100~200 micro-inch (2.54~5.08  $\mu$  m) pure Tin at solder tail and 50~100 micro-inch (1.27~2.54  $\mu$  m) Nickel under plated.

**3. Electrical specifications:**

Operation Voltage: 100V AC max.  
Current Rating: 1.5A  
Contact Resistance: 30mOhms max.  
Insulation Resistance: 1000MOhms min.  
Dielectric Withstanding Voltage: 500V AC  
Temperature: -55° to +105°C

**4. Mechanical specifications:**

Durability: 500 cycles min for SATA-101-0115-1.  
250 cycles min for SATA-101-0115-2.  
50 cycles min for SATA-101-0115-3.

**5. Packaging:**

Packing with tray.  
All packaging materials to be approved by Amphenol engineering.

# Mouser Electronics

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