



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 μ m) pure Tin at solder tail and 50~100 micro-inch (1.27~2.54 μ 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.**