

**Part Number: SATA-001-0229-X**

**SATA, 15 + 7Pin & Testing Pin(4P)  
Right Angle, Straddle mount**

- Comply to Small Form Factor Specification
- For PCB thickness:  $1.27 \pm 0.1$  mm
- Various Gold thickness available
- Suitable for both latch and non-latch version
- High Reliability
- RoHS compliance.

**1. Material:**

- A. Signal Pin: Copper Alloy.
- B. Power Pin: Copper Alloy.
- C. Test Pin: Copper Alloy.
- D. Insulator: Glass-filled high temperature thermoplastic, black, UL 94V-0.

**2. Finish plating:**

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

**3. Electrical specifications:**

Current rating: Signal Pin 1.5A min ; Power Pin 1.5A min; Test Pin 2.0A min.  
Contact Resistance: 30 milliohms max.  
Insulation Resistance: 1000 M-ohms min.  
Dielectric Withstanding Voltage: 1000V for 1 minute  
Temperature:  $-40^{\circ}$  to  $+105^{\circ}\text{C}$

**4. Mechanical specifications:**

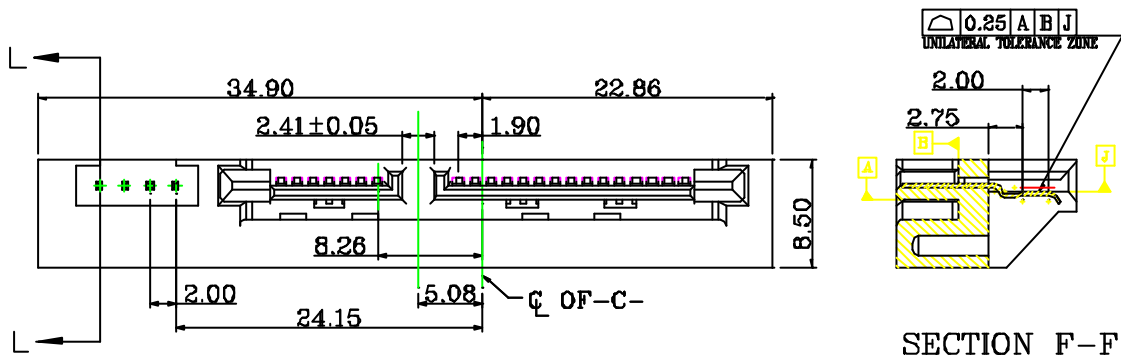
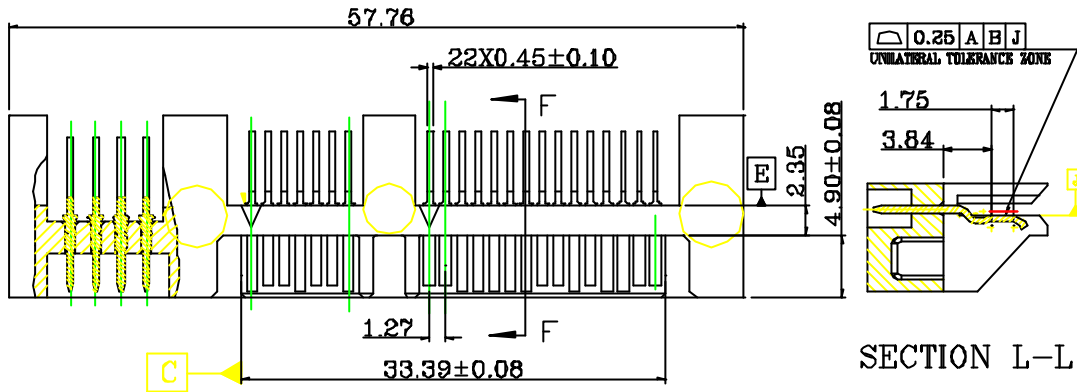
Durability: 500 cycles min. for SATA-001-0229-1;  
250 cycles min. for SATA-001-0229-2;  
50 cycles min. for SATA-001-0229-A;

**5. Packaging:**

Parts to be packed in tray.  
All packaging materials to be approved by Amphenol engineering.

# SATA

# Amphenol



ORDER P/N SYSTEM  
SATA - 001 - 0229 - X

- 1: 0.76um min Gold
- 2: 0.38um min Gold
- A: Gold flash (1u" min) Gold

**Amphenol**

**Title :**

SATA

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