**ULTRA-FINE PITCH SOCKET**

**SS5, ST5 SERIES**

**SPECIFICATIONS**

- Insulator Material: Black LCP
- Contact Material: Phosphor Bronze Plating
- Au or Sn over 50 µ" (1.27 µm) Ni
- Operating Temp Range: -55 °C to +125 °C
- Current Rating: 1.6 A per pin (2 pins powered)
- RoHS Compliant: Yes
- Lead-Free Solderable: Yes
- SMT Lead Coplanarity: (0.10 mm) .004" max

**PROCESSING**

- Lead-Free Solderable: Yes
- SMT Lead Coplanarity: (0.10 mm) .004" max

**RECOGNITIONS**

- For complete scope of recognitions see www.samtec.com/quality

**ALSO AVAILABLE**

- Other lead styles

**Note:**

Some lengths, styles and options are non-standard, non-returnable.

**POWER/SIGNAL APPLICATION**

Compatible with UMPT/UMPS for flexible two-piece power/signal solutions

**HIGH-SPEED CHANNEL PERFORMANCE**

SS5/ST5 @ 4 mm Mated Stack Height

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

**Due to technical progress, all designs, specifications and components are subject to change without notice.**

All parts within this catalog are built to Samtec’s specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.