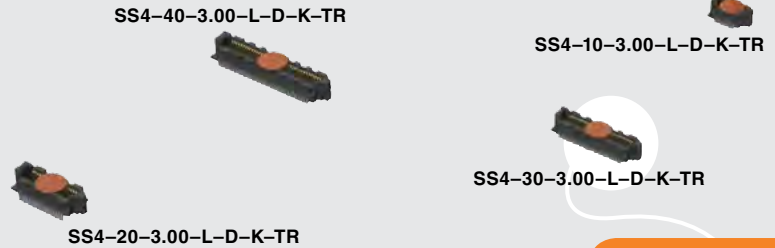


(0.40 mm) .0158"



SS4 SERIES

# ULTRA-FINE PITCH SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SS4](http://www.samtec.com?SS4)

**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 (1 pin powered per row)

**RoHS Compliant:** Yes

Mates with: **ST4**

## PROCESSING

**Lead-Free Solderable:** Yes

**SMT Lead Coplanarity:** (0.10 mm) .004" max

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



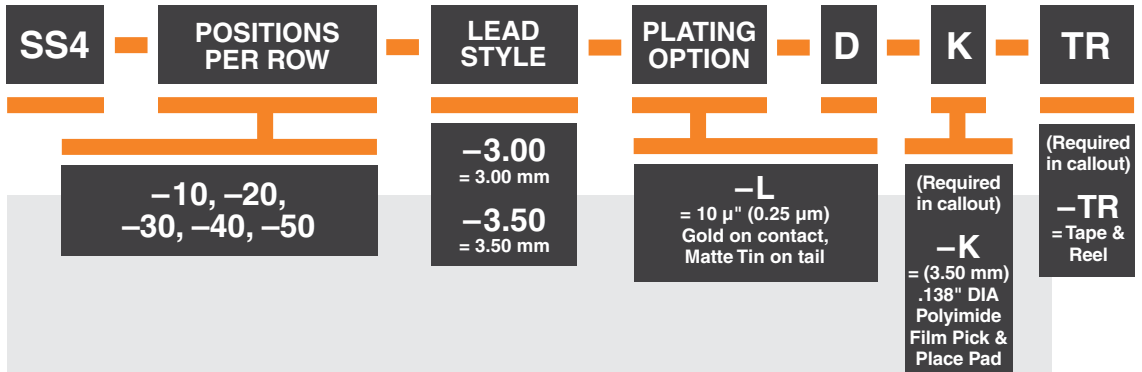
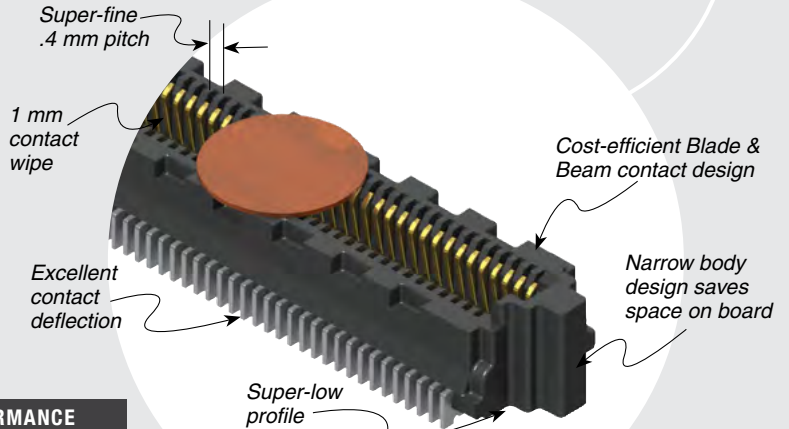
FILE NO. E111594

## HIGH-SPEED CHANNEL PERFORMANCE

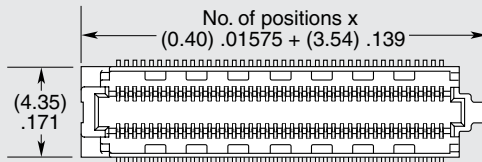
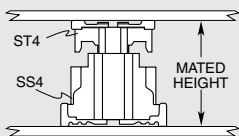
SS4/ST4 @ 4 mm Mated Stack Height

Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

**31**  
Gbps



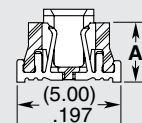
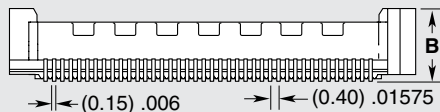
## MATED HEIGHT



LEAD STYLE	A	B
-3.00	(2.85) .112	(3.50) .138
-3.50	(3.35) .132	(4.00) .157

MATED HEIGHT*			
SS4 LEAD STYLE	ST4 LEAD STYLE		
	-1.00	-1.50	-2.50
-3.00	(4.00) .157	(4.50) .177	(5.50) .217
-3.50	(4.50) .177	(5.00) .197	(6.00) .236

\*Processing conditions will affect mated height.



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