

0,4mm RAZOR BEAM™ STRIP ST4 SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ST4

Insulator Material:

Black LCP

Terminal Material:

Phosphor Bronze

Plating:

Au over 50µ" (1,27µm) Ni

Operating Temp Range:

-55°C to +125°C

Current Rating:

1.3A @ 80°C ambient

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

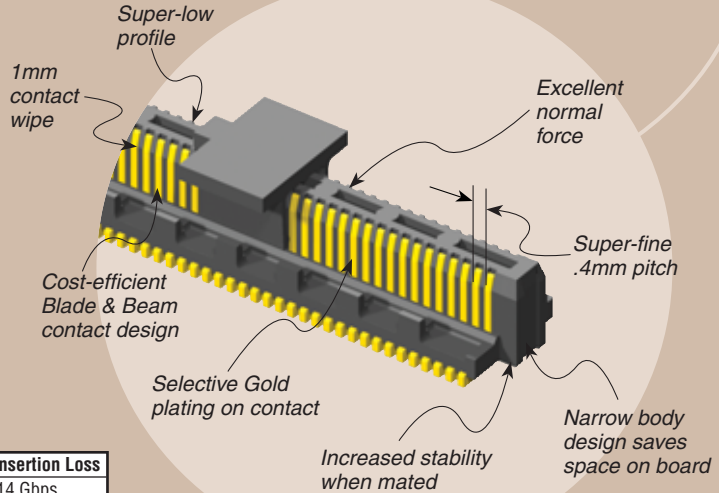
Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

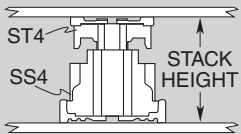
(0,10mm) .004" max

Mates with:
SS4



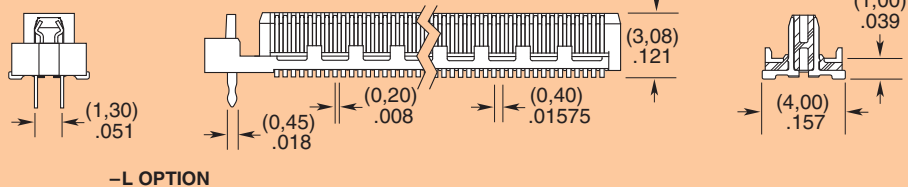
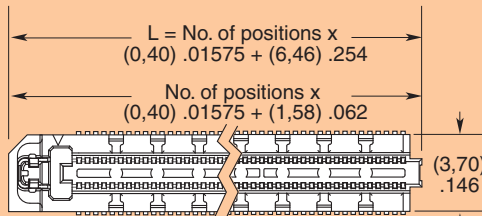
4mm Stack Height	Rated @ -3dB Insertion Loss
Single-Ended Signaling	7.0 GHz / 14 Gbps
Differential Pair Signaling	4.5 GHz / 9 Gbps

STACK HEIGHT



STACK HEIGHT		
ST4 LEAD STYLE	SS4 LEAD STYLE	
	-3.00	-3.50
-1.00	(4,00) .157	(4,50) .177
-1.50	(4,50) .177	(5,00) .197
-2.50	(5,50) .217	(6,00) .236

ST4	POSITIONS PER ROW	BODY HEIGHT	PLATING OPTION	D	LATCH OPTION	P	TR
	-10, -20, -30, -40, -50	-1.00 = 1.00mm -1.50 = 1.50mm -2.50 = 2.50mm	-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail		-L = Latching (Leave blank for no latching)	(Required in callout) -P = Pick & Place Pad	(Required in callout) -TR = Tape & Reel



Note: -L latching option not intended for alignment to PCB. Automated placement is recommended.

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

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

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