

(2.54 mm) .100"

LST SERIES

SELF-MATING HERMAPHRODITIC STRIP

SPECIFICATIONS

For complete specifications see www.samtec.com?LST

Insulator Material: Black Glass Filled Polyester

Terminal Material: Phosphor Bronze

Contact Material: Phosphor Bronze

Plating: Au or Sn over 50 μ"

(1.27 μm) Ni

Operating Temp Range: -55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

Insertion Depth: (3.68 mm) .145" to (6.35 mm) .250"

Cycles: 100 with 10 μ" (0.25 μm) Au

RoHS Compliant: Yes

Lead-Free Solderable: Wave Only

Mates with:
LST

Hermaphroditic self-mating header/socket combination system



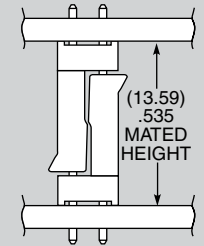
One part number for both socket and terminal

(2.54 mm) .100" pitch

Polarized

(0.64 mm) .025" square post

APPLICATION



Locking feature increases unmating force and provides audible "click" when properly mated

RECOGNITIONS

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



FILE NO. E111594

TYPE STRIP	1	NO. PINS PER ROW	07	PLATING OPTION	D
LST = Standard		02 thru 30		-F = Gold flash on contact area, Matte Tin on tail	
				-G = 10 μ" (0.25 μm) Gold on contact area, Gold flash on balance	
				-T = Matte Tin	

Note: Other Gold plating options available. Contact Samtec.

Dimensions shown in drawings:
 - Top view: No. of Positions x (2.54) .100 + (0.51) .020
 - Pitch: (2.54) .100
 - Post width: (0.64) .025 SQ
 - Tail height: (8.51) .335, (6.10) .240
 - Tail width: (2.54) .100
 - Tail thickness: (2.29) .090
 - Total height: (11.05) .435
 - Contact width: (5.08) .200, (5.84) .230

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

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