

(2,54 mm) .100"

LST SERIES

# SELF-MATING HERMAPHRODITIC STRIP

## SPECIFICATIONS

For complete specifications see [www.samtec.com?LST](http://www.samtec.com?LST)

**Insulator Material:** Black Glass Filled Polyester

**Terminal Material:** Phosphor Bronze

**Contact Material:** Phosphor Bronze

**Plating:** Au or Sn over 50µ" (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"

**Insertion Force:** (Single contact only) 6 oz (1,67 N) avg

**Withdrawal Force:** (Single contact only) 4 oz (1,11 N) avg

**Cycles:** 100 with 10µ" (0,25 µm) Au

**RoHS Compliant:** Yes

**Lead-Free Solderable:** Wave Only

Wave Only

Mates with:  
LST



Hermaphroditic self-mating header/socket system

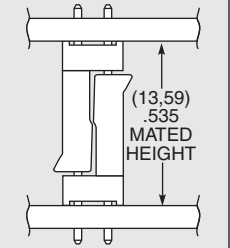
One part number for both socket and terminal

(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](http://www.samtec.com/quality)



FILE NO. E111594



LST = Standard

02 thru 30

PLATING OPTION

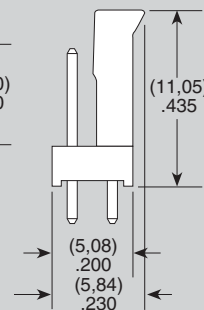
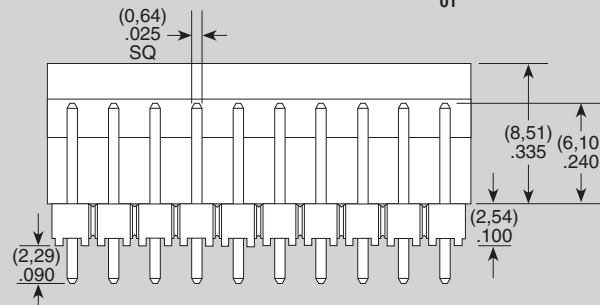
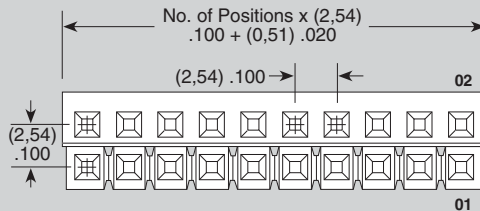
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-F = Gold flash on contact area, Matte Tin on tail

-G = 10µ" (0,25 µm) Gold on contact area, Gold flash on balance

-T = Matte Tin

Note: Other Gold plating options available. Contact Samtec.



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