

LST-120-07-G-D

LST-112-07-G-D

(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 50  $\mu$ "

(1.27  $\mu$ m) 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  $\mu$ " (0.25  $\mu$ m) Au

**RoHS Compliant:** Yes

**Lead-Free Solderable:** Wave Only

**Mates with:**  
LST

**TIGER  
BUY**  
CONTACT

Hermaphroditic self-mating  
combination  
header/socket  
system

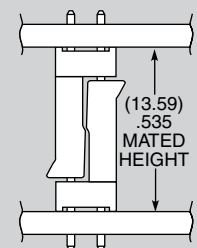
One part  
number for  
both socket  
and terminal

(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

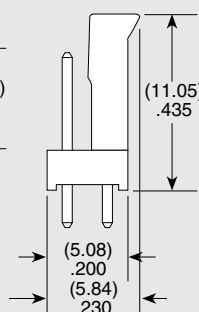
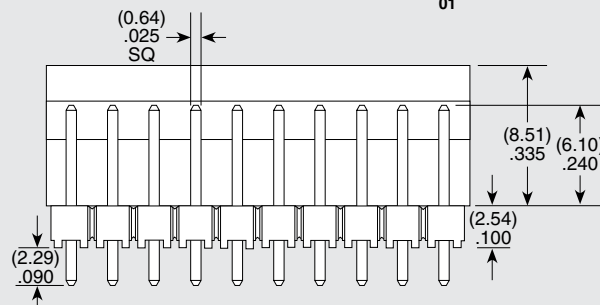
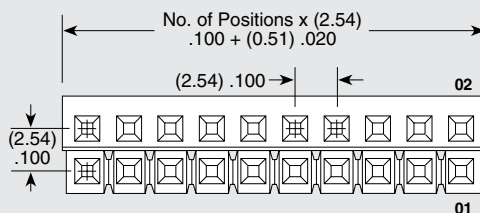
## RECOGNITIONS

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



| TYPE STRIP        | 1 | NO. PINS PER ROW | 07 | PLATING OPTION                                                                   | D |
|-------------------|---|------------------|----|----------------------------------------------------------------------------------|---|
| LST<br>= Standard |   | 02 thru 30       |    | -F<br>= Gold flash on contact area,<br>Matte Tin on tail                         |   |
|                   |   |                  |    | -G<br>= 10 $\mu$ " (0.25 $\mu$ m) Gold on contact area,<br>Gold flash on balance |   |
|                   |   |                  |    | -T<br>= Matte Tin                                                                |   |

**Note:** Other Gold plating options available.  
Contact Samtec.



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