

(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

Mates with:  
LST



Hermaphroditic self-mating  
combination  
header/socket  
system

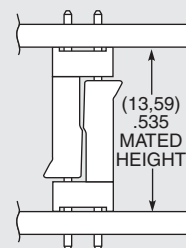
One part  
number for  
both socket  
and terminal

(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)



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

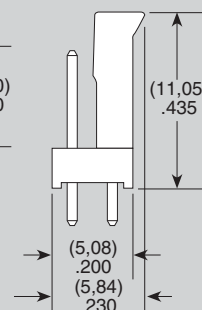
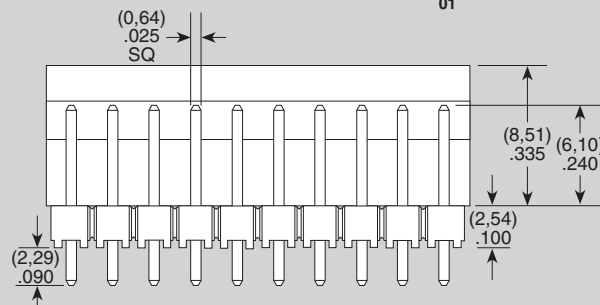
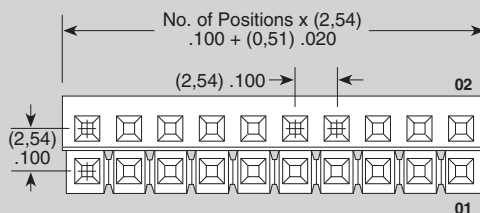
-G

= 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.