

(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 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

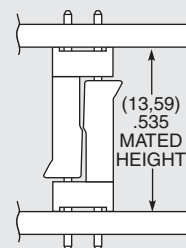
One part
number for
both socket
and terminal

(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



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

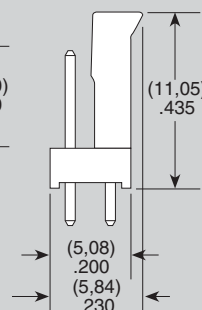
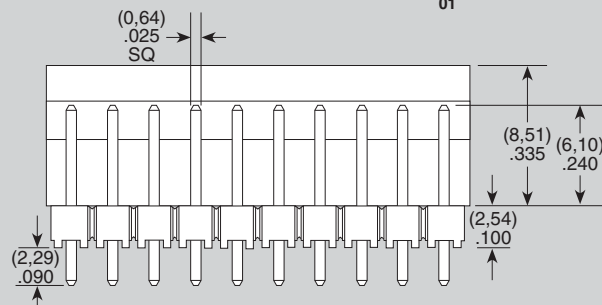
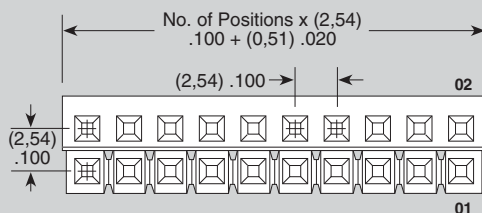
-G

= 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.