

(2,54 mm) .100"

LST-112-07-G-D

LST-120-07-G-D

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 μ 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"

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 10 μ " (0.25 μ m) Au

RoHS Compliant: Yes

Lead-Free Solderable: Wave Only

Mates with:
LST



Hermaphroditic self-mating
combination
header/socket
system

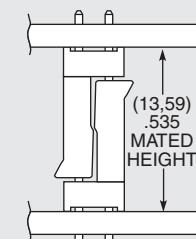
Polarized

One part
number for
both socket
and terminal

(2,54 mm)
.100" pitch

(0,64 mm) .025"
square post

APPLICATION



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

RECOGNITIONS

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



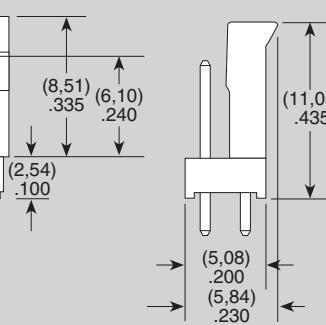
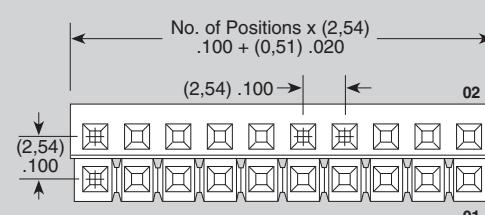
LST = Standard
02 thru 30

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

-G
= 10 μ " (0.25 μ m) 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.

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

SAMTEC USA • Tel: +1-800-SAMTEC-9 or +1-812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: +1-408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: +1-800-726-8329

SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 89460-0

SAMTEC FRANCE • Tel: +33 1 60 95 06 60 SAMTEC ITALY • Tel: +39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46 8 4477280 SAMTEC BENELUX • Tel: +44 01236 739292

SAMTEC ISRAEL • Tel: +972 3 7526600 SAMTEC INDIA • Tel: +91 80 3272 1612 SAMTEC ANZ • Tel: +61 9580 0683 SAMTEC SINGAPORE • Tel: +65 6745 9595 SAMTEC JAPAN • Tel: +81 45 475 1385

SAMTEC SHANGHAI • Tel: +86 21 6083 3766 SAMTEC SHENZHEN • Tel: +86 755 83776780 SAMTEC TAIWAN • Tel: +886 2 2735 6109 SAMTEC HONG KONG • Tel: +852 26904858 SAMTEC KOREA • Tel: +82 31 717 5685