

(2.00 mm) .0787"

LS2 SERIES

# SELF MATING HERMAPHRODITIC STRIP

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com/LS2](http://www.samtec.com/LS2)

**Insulator Material:**  
Black Liquid Crystal Polymer

**Contact Material:**  
Phosphor Bronze

**Plating:**

Au or Sn over  
50  $\mu$ " (1.27  $\mu$ m) Ni

**Current Rating:**

3.2 A per pin  
(6 adjacent pins powered)

**Voltage Rating:**

475 VAC mated with LS2

**Operating Temp Range:**  
-55 °C to +125 °C

**RoHS Compliant:**

Yes

## PROCESSING

**Lead-Free Solderable:**  
Yes

**SMT Lead Coplanarity:**

(0.15 mm) .006" max\*  
\*(.004" stencil solution may be available; contact IPG @ samtec.com)

## RECOGNITIONS

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

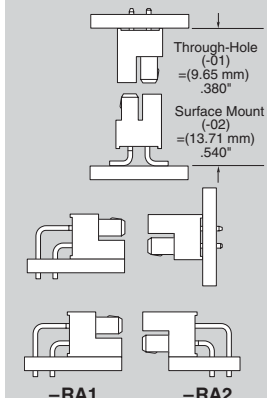


## ALSO AVAILABLE (MOQ Required)

- Alignment pin
- Other platings
- Other stack heights

Mates with:  
LS2

## APPLICATION



Shrouded Terminals

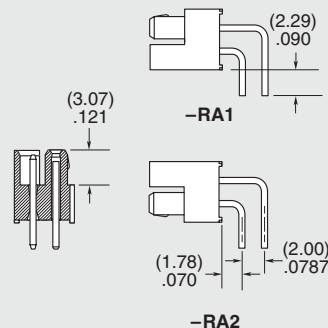
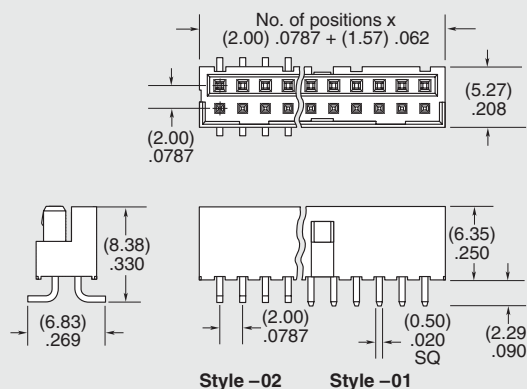
Align & Latch™

Polarized

**TIGER BUY**  
CONTACT

(2.00 mm)  
.0787" pitch

LS2	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	TAIL OPTION	OPTION
		05, 10, 15, 20, 25, 30	-01 =Through-hole -02 = Surface Mount	-F = Gold flash on contact, Matte Tin on tail -L = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact, Matte Tin on tail		-01 only -RA1 = Right-angle (Shroud Down) -RA2 = Right-angle (Shroud Up)	-K = (6.30 mm) .248" DIA Polyimide Film Pick & Place Pad (-02 only) -TR = Tape & Reel Packaging



**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](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications. Components must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.