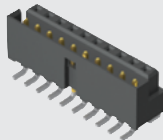
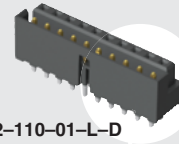


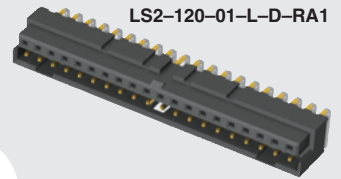
LS2-110-02-L-D



LS2-110-01-L-D



LS2-120-01-L-D-RA1



(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

50µ" (1,27 µm) 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

**Insertion Force:**

(Single contact only)

4 oz (1,11 N) avg.

**Withdrawal Force:**

(Single contact only)

3 oz (0,83 N) avg.

**RoHS Compliant:**

Yes

**Processing:**

Lead-Free Solderable:

Yes

**SMT Lead Coplanarity:**

(0,15 mm) .006" max

## RECOGNITIONS

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



FILE NO. E111594

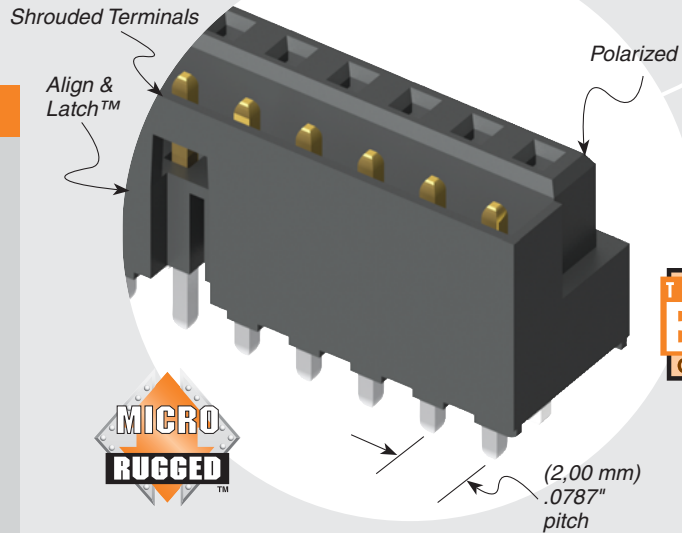
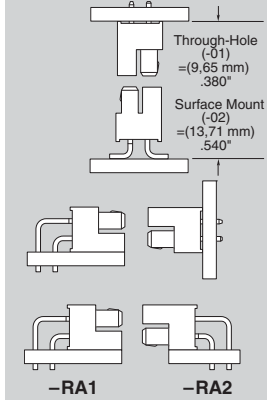
## ALSO AVAILABLE

(MOQ Required)

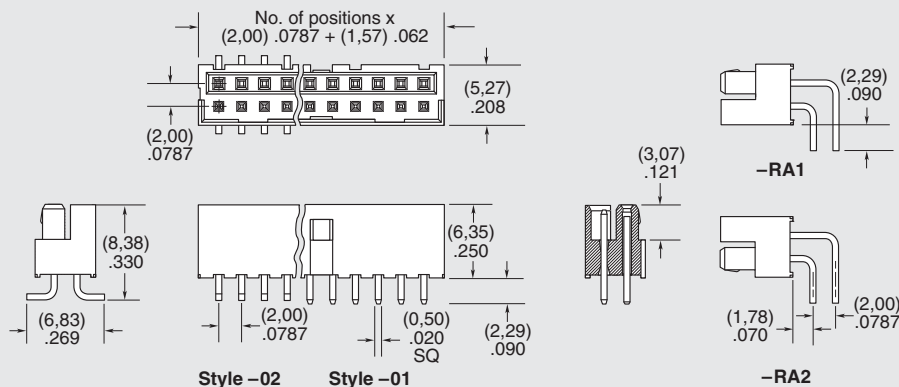
- Alignment pin
  - Other platings
  - Other stack heights
- Contact Samtec.

Mates with:  
LS2

### APPLICATION



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 = 10µ" (0,25 µm) 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.