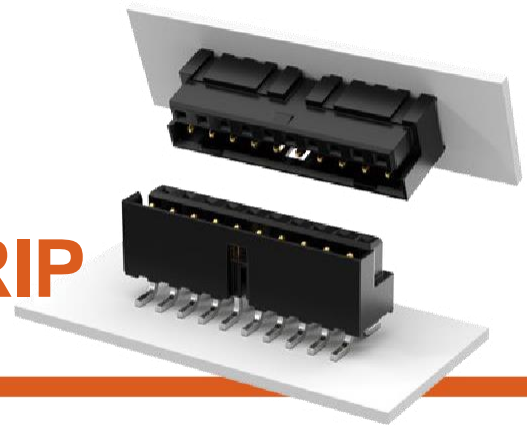


# SELF MATING HERMAPHRODITIC STRIP

(2.00 mm) .0787" PITCH • LS2 SERIES



**LS2**  
Mates:  
LS2

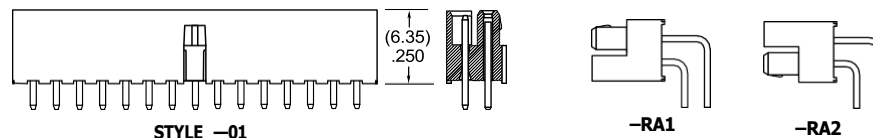
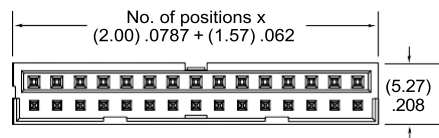
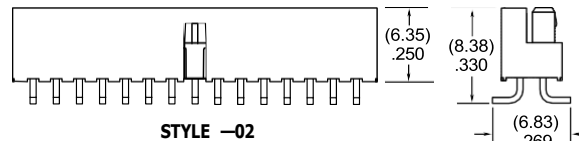
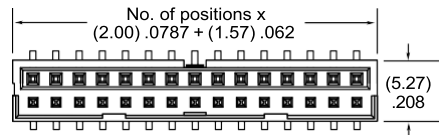
| LS2 | 1 | NO. PINS PER ROW          | LEAD STYLE  | PLATING OPTION  | D | TAIL OPTION  | OPTION  |
|-----|---|---------------------------|---|---|---|--|---|
|     |   | 05, 10, 15,<br>20, 25, 30 | -01<br>= Through-hole<br><br>-02<br>= Surface Mount | -F<br>= Gold flash on contact,<br>Matte Tin on tail<br><br>-L<br>= 10 μ" (0.25 μm)<br>Gold on contact,<br>Matte Tin on tail |   | -01 only<br><br>-RA1<br>= Right-angle (Shroud Down)<br><br>-RA2<br>= Right-angle (Shroud Up) | -K<br>= (6.30 mm) .248" DIA<br>Polyimide Film Pick & Place Pad (-02 only)<br><br>-TR<br>= Tape & Reel<br><br>-FR<br>= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) |

## SPECIFICATIONS

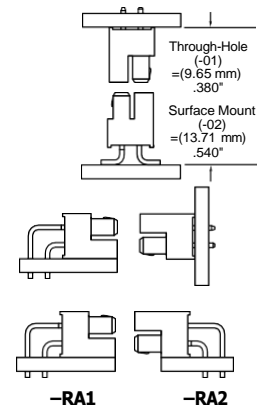
**Insulator Material:**  
Black Liquid Crystal Polymer  
**Contact Material:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over  
50 μ" (1.27 μm) Ni  
**Current Rating:**  
3.2 A per pin  
(6 adjacent pins powered)  
**Voltage Rating:**  
475 VAC mated with LS2  
**Operating Temp Range:**  
-55 °C to +125 °C

## PROCESSING

**Lead-Free Solderable:**  
Yes  
**SMT Lead Coplanarity:**  
(0.15 mm) .006" max\*  
\*(.004" stencil solution may be available; contact IPG@samtec.com)



## APPLICATION



## ALSO AVAILABLE

MOQ Required

Alignment pin  
Other platings  
Other stack heights

**Note:**  
Some lengths, styles and options are non-standard, non-returnable.

