

(2.00 mm) .0787"

LS2 SERIES

SELF MATING HERMAPHRODITIC STRIP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?LS2

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
Phosphor Bronze

Plating:
Au or Sn over
50 μm (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

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

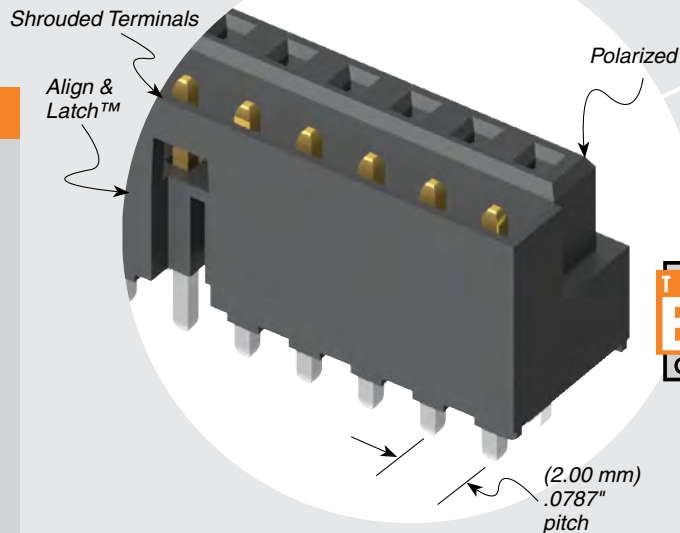
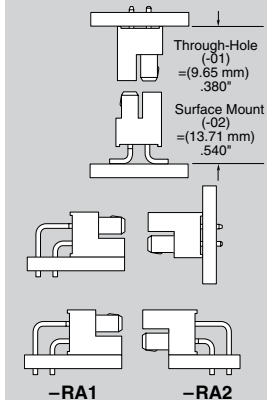


ALSO AVAILABLE (MOQ Required)

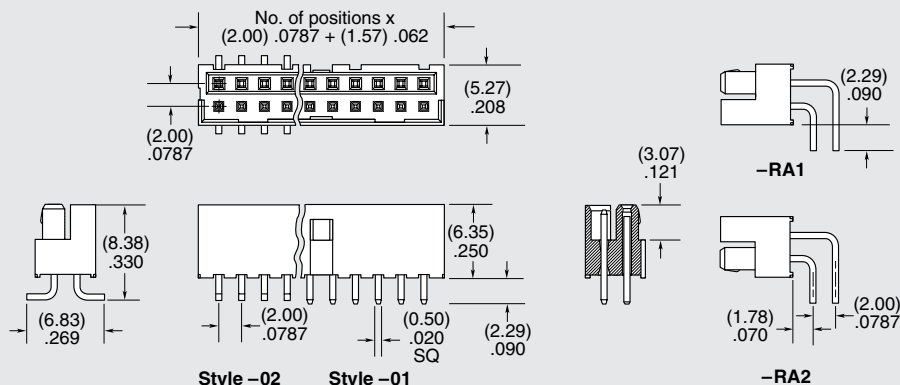
- Alignment pin
 - Other platings
 - Other stack heights
- Contact Samtec.

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 = 10 μm (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.