

(2,00 mm) .0787"

LS2 SERIES

LS2-120-01-L-D-RA1

LS2-120-01-L-D

LS2-110-02-L-D

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 50µ" (1,27 µm) Ni

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.

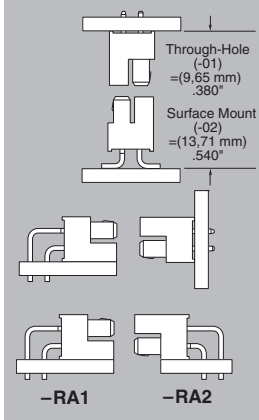
RoHS Compliant:

Yes



Mates with:
LS2

APPLICATION



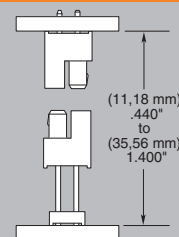
Shrouded Terminals

Align & Latch™

Polarized



APPLICATION SPECIFIC



Call Samtec for elevated board stacking applications.

CURRENT RATING (PER CONTACT)

AMBIENT TEMP	6 Contacts
20°C	5A
40°C	4.3A
60°C	3.6A
80°C	2.7A

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

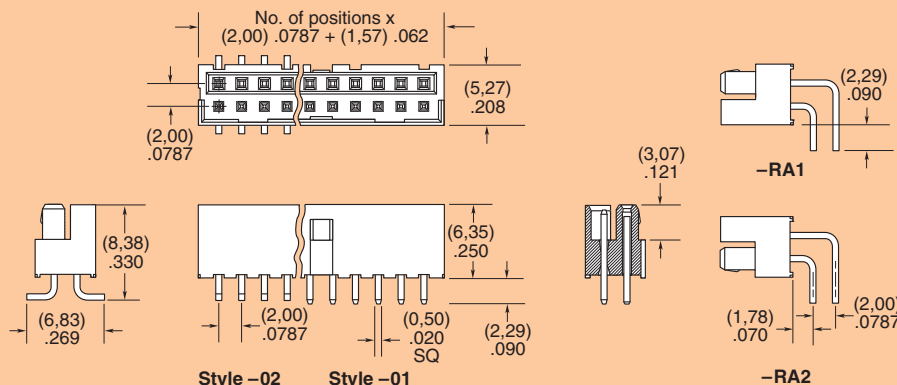
(0,15 mm) .006" max

APPLICATION SPECIFIC OPTION

Alignment pin.
Call Samtec.

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: 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

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