

(2.00mm) .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" (1,27µm) Ni

Voltage Rating:
475 VAC mated with LS2
Operating Temp Range:
-55°C to +125°C

Insertion Force:
(Single contact only)
4oz (1,11N) avg.

Withdrawal Force:
(Single contact only)
3oz (0,83N) avg.

RoHS Compliant:
Yes

CURRENT RATING	
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:
(0,15mm).006" max

APPLICATION SPECIFIC OPTION

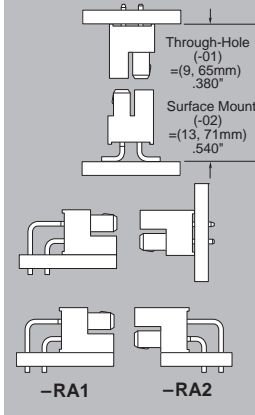
Alignment pin.
Call Samtec.

Note: Other Gold plating options available. Contact Samtec.

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

Mates with:
LS2

APPLICATION



Shrouded Terminals

Align & Latch™

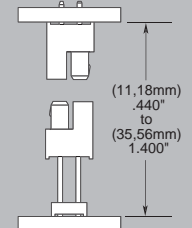
Polarized



(2,00mm) .0787" pitch

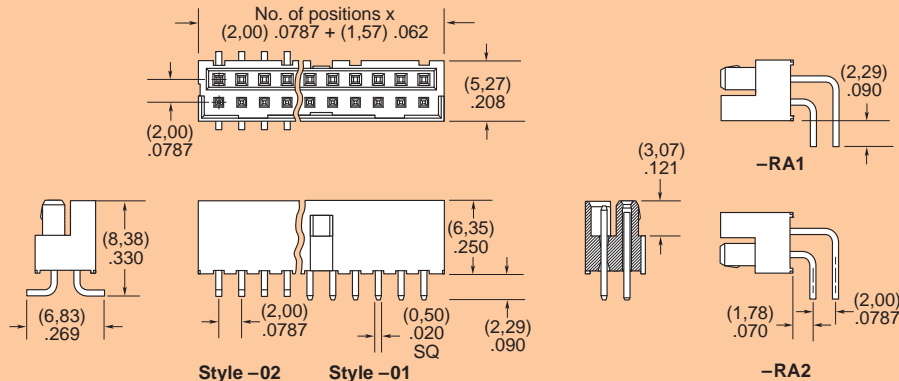


APPLICATION SPECIFIC



Call Samtec for elevated board stacking applications.

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" (0,25µm) Gold on contact, Matte Tin on tail		-01 only -RA1 = Right Angle (Shroud Down) -RA2 = Right Angle (Shroud Up)	-K = (6,30mm) .248" DIA Polyimide Film Pick & Place Pad (-02 only) -TR = Tape & Reel Packaging



Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM