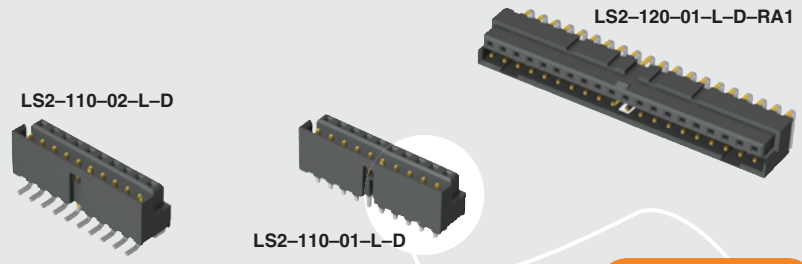
samtec



(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 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

FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

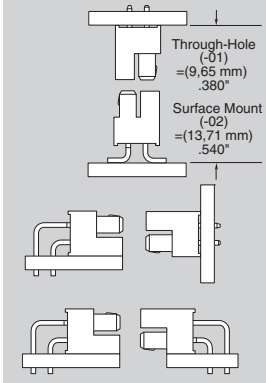
- Alignment pin
- Other platings
- Other stack heights

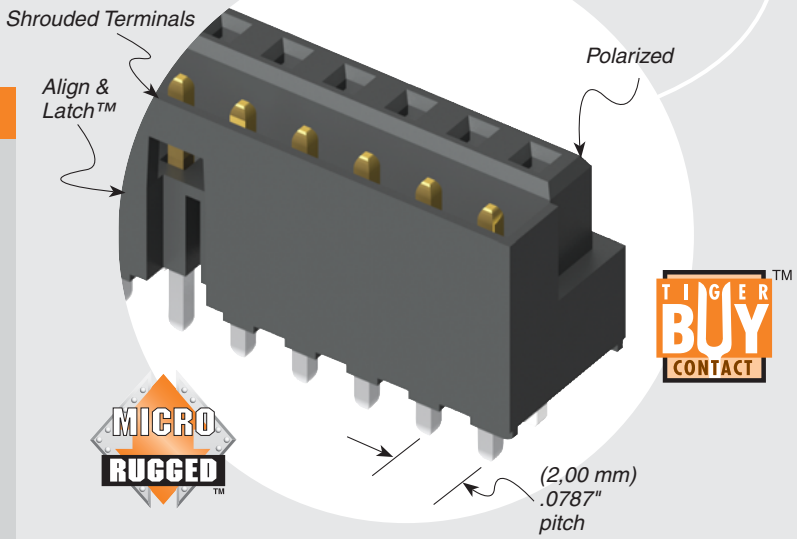
Contact Samtec.

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

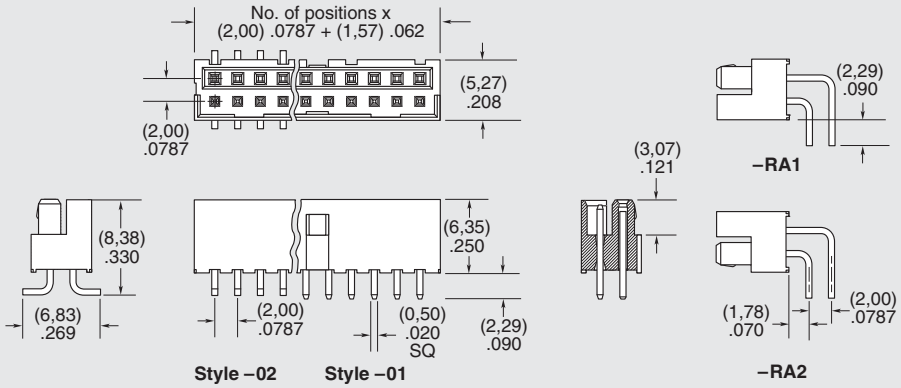
Mates with:
LS2

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



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