

(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.

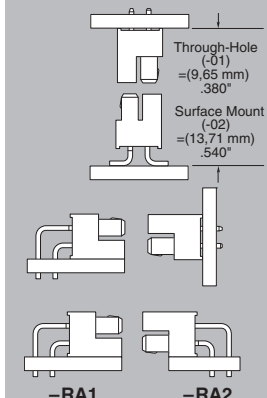
RoHS Compliant:
Yes

Processing:
Lead-Free Solderable:

Yes
SMT Lead Coplanarity:
(0,15 mm) .006" max

Mates with:
LS2

APPLICATION



Shrouded Terminals

Align & Latch™

Polarized



(2,00 mm)
.0787"
pitch

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



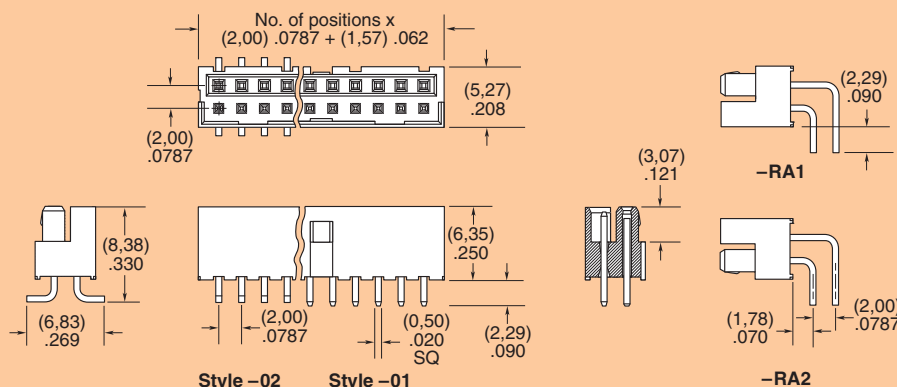
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ALSO AVAILABLE (MOQ Required)

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

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

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.

WWW.SAMTEC.COM