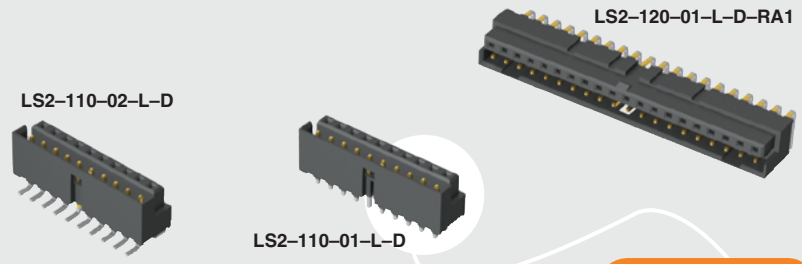
samtec



(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 50 µ" (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*
*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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

FILE NO. E111594

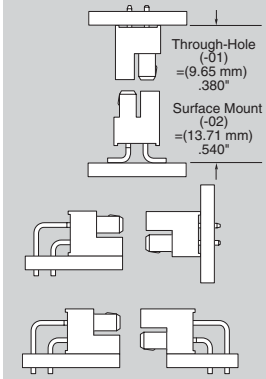
ALSO AVAILABLE
(MOQ Required)

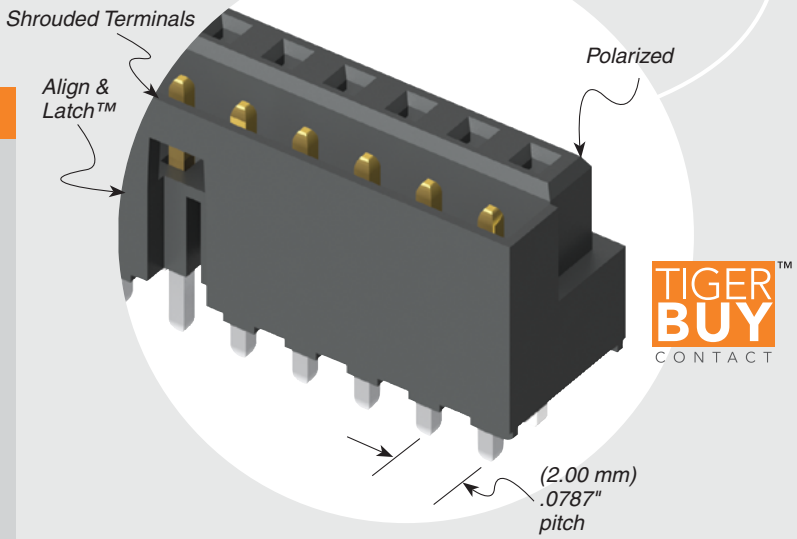
- Alignment pin
- Other platings
- Other stack heights

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

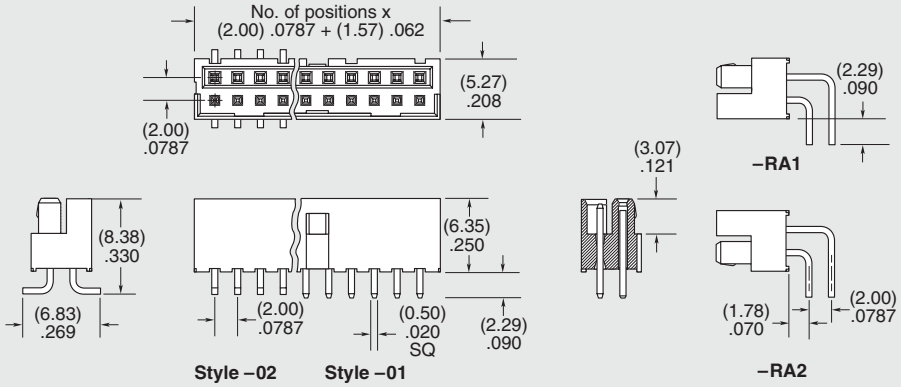
Mates with:
LS2

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 = 10 µ" (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.

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

LS2-110-01-F-D-RA1 LS2-130-01-L-D LS2-120-01-L-D-RA1 LS2-115-01-F-D-RA2 LS2-110-01-F-D LS2-115-01-L-D-RA1 LS2-105-01-F-D-RA1 LS2-115-01-L-D LS2-115-01-F-D LS2-105-01-L-D LS2-105-01-L-D-RA1 LS2-120-01-L-D-RA2 LS2-105-01-F-D-RA2 LS2-105-01-F-D LS2-105-02-F-D LS2-110-02-F-D-K-TR LS2-110-01-L-D-RA2 LS2-110-01-L-D LS2-115-01-F-D-RA1 LS2-110-01-L-D-RA1 LS2-120-01-L-D LS2-105-01-S-D LS2-110-01-S-D-RA1 LS2-125-01-L-D-RA1 LS2-130-02-L-D LS2-130-02-L-D-A-K-TR LS2-110-01-F-D-RA2 LS2-105-01-SM-D-RA1 LS2-110-01-SM-D-RA2 LS2-115-02-F-D-K-TR LS2-125-02-L-D-K LS2-125-02-S-D-K-TR LS2-130-01-F-D-RA1-TR LS2-105-01-LM-D-RA2 LS2-115-02-S-D-A LS2-115-02-L-D-A LS2-105-02-L-D-K-TR LS2-105-02-S-D-TR LS2-105-02-SM-D-TR LS2-110-01-F-D-RA2-TR LS2-115-01-F-D-RA1-TR LS2-125-02-L-D-K-TR LS2-110-01-S-D-RA1-TR LS2-120-02-G-D LS2-105-01-FM-D-RA1 LS2-115-02-L-D-A-K-TR LS2-110-02-S-D-TR LS2-115-01-F-D-RA2-TR LS2-105-01-LM-D-RA1 LS2-105-01-LM-D-RA1-TR LS2-110-02-L-D-A-K-TR LS2-115-02-G-D LS2-105-01-L-D-RA2-TR LS2-115-01-L-D-RA2-TR LS2-120-01-F-D-RA2-TR LS2-120-01-L-D-RA1-TR LS2-105-02-SM-D-K-TR LS2-110-02-L-D-A LS2-120-02-S-D-K-TR LS2-105-01-F-D-RA1-TR LS2-115-01-L-D-RA1-TR LS2-115-01-SM-D-RA1 LS2-130-02-L-D-K-TR LS2-105-01-LM-D LS2-105-01-S-D-TR LS2-105-02-L-D-A-K LS2-110-01-L-D-RA1-TR LS2-110-01-LM-D-RA1 LS2-110-02-F-D-A LS2-120-02-S-D-TR LS2-110-01-S-D-TR LS2-115-02-F-D-A LS2-120-02-F-D-K-TR LS2-120-02-L-D-A LS2-105-01-FM-D LS2-105-01-L-D-RA1-TR LS2-130-01-L-D-RA1-TR LS2-120-02-L-D-K-TR LS2-130-02-L-D-TR LS2-105-01-F-D-RA2-TR LS2-105-01-F-D-TR LS2-110-01-S-D-RA2-TR LS2-110-01-LM-D LS2-115-01-SM-D LS2-125-01-L-D-RA1-TR LS2-130-02-L-D-A LS2-105-02-L-D-A LS2-120-02-F-D-TR LS2-115-01-G-D-TR LS2-105-01-L-D-TR LS2-110-01-LM-D-RA2 LS2-115-02-L-D-K-TR LS2-105-01-S-D-RA2-TR LS2-105-01-SM-D LS2-110-02-F-D-TR LS2-125-01-S-D-RA2-TR LS2-130-01-L-D-TR LS2-120-02-L-D-A-K LS2-110-01-F-D-TR LS2-110-02-G-D