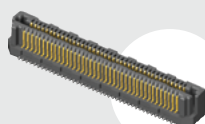
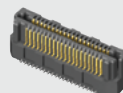


(0.635 mm) .025"

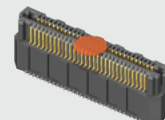
LSS-120-03-F-DV-A



LSS-140-01-L-DV-A



LSS-130-02-L-DV-A-K

**LSS SERIES**

HIGH-SPEED HERMAPHRODITIC STRIP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?LSS

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Current Rating:

1.7 A per pin

(4 adjacent pins powered)

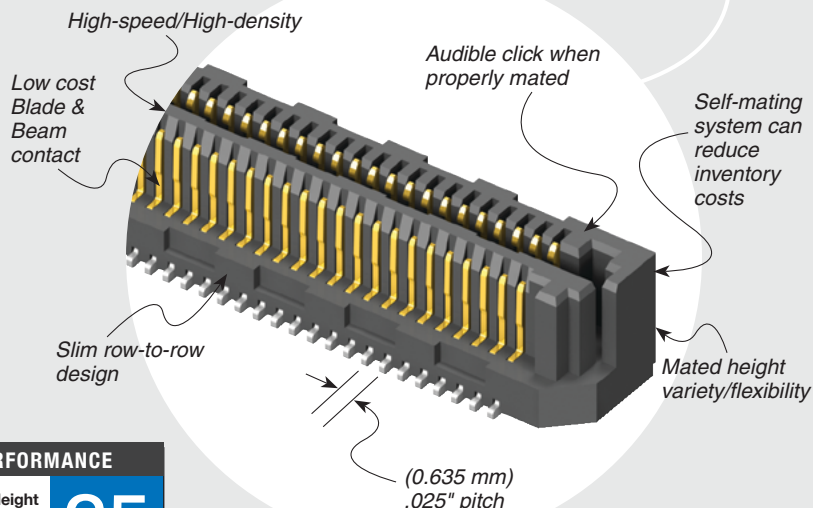
Operating Temp Range:

-55 °C to +125 °C

RoHS Compliant:

Yes

Mates with:
LSS



PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max

Board Stacking:

For applications requiring two or more connectors per board, contact ipg@samtec.com

HIGH-SPEED CHANNEL PERFORMANCE

LSS-DV/LSS-DV @ 9 mm Mated Stack Height

Rating based on Samtec reference channel.

For full SI performance data visit Samtec.com or contact SIG@samtec.com

25
Gbps

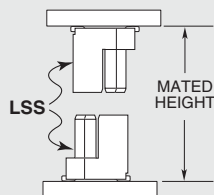
RECOGNITIONS

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



FILE NO. E111594

APPLICATION



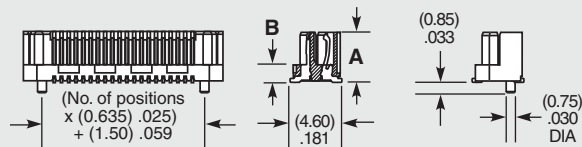
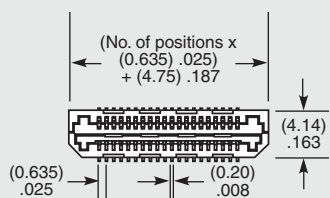
LEAD STYLE	MATED HEIGHT*
-01 & -01	(6.00) .236
-01 & -03	(7.00) .276
-03 & -03	(8.00) .315
-01 & -02	(9.00) .354
-02 & -03	(10.00) .394
-02 & -02	(12.00) .472

*Processing conditions will affect mated height.

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

LSS	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	DV	A	OPTION
10, 20, 30, 40, 50			Specify LEAD STYLE from chart	-F = Gold flash on contact, Matte Tin on tail		-K = (3.50 mm) .138" DIA Polyimide film Pick & Place Pad	
				-L = 10 μ " (0.25 μ m) Gold on contact, Matte Tin on tail		-TR = Tape & Reel	

LEAD STYLE	A	B
-01	(4.50) .177	(1.60) .063
-02	(7.49) .295	(4.59) .181
-03	(5.49) .216	(2.59) .102


RUGGEDIZED
BY SAMTEC

- High retention contacts
- Audible click when mated
- Shrouded

ALSO AVAILABLE (MOQ Required)

- Locking Clip on -02 or -03 lead style
- Other Gold plating options
- Other pin counts

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

WWW.SAMTEC.COM

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:

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