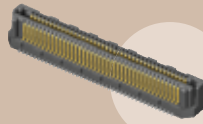




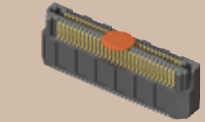
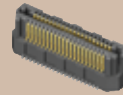
(0,635mm) .025"

LSS SERIES

LSS-120-03-L-DV-A



LSS-140-01-L-DV-A



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

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 50µ" (1,27µm) Ni

Current Rating:

1.7A @ 30°C Temperature Rise

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or 260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

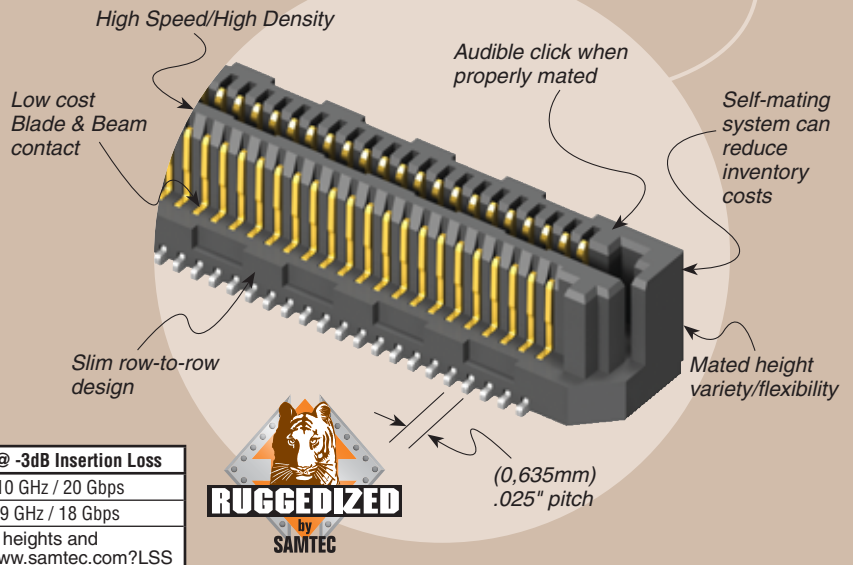
SMT Lead Coplanarity:

(0,10mm) .004" max

Board Stacking:

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

Mates with:
LSS



6mm Stack Height	Rated @ -3dB Insertion Loss
Single-Ended Signaling	10 GHz / 20 Gbps
Differential Pair Signaling	9 GHz / 18 Gbps

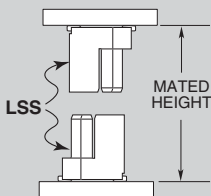
Performance data for other stack heights and complete test data available at www.samtec.com?LSS or contact sig@samtec.com



(0,635mm) .025" pitch

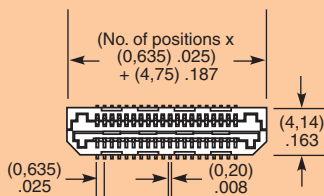
LSS	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	DV	A	OPTION
5, 10, 20, 30, 40, 50			Specify LEAD STYLE from chart	-F = Gold flash on contact, Matte Tin on tail -L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail		-K = (3,50mm) .138" DIA Polyimide film Pick & Place Pad -TR = Tape & Reel	

APPLICATION

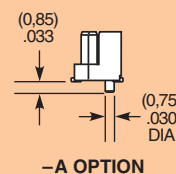
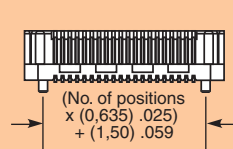


LEAD STYLE	MATED HEIGHT*
-01 & -01	(6,00) .236
-01 & -03	(7,00) .276
-03 & -03	(8,00) .315
-01 & -02	(9,00) .354
-02 & -03	(10,00) .394
-02 & -02	(12,00) .472

*Processing conditions will affect mated height.



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



APPLICATION SPECIFIC OPTION

Locking Clip on -02 or -03 lead style. Call Samtec.

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

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

WWW.SAMTEC.COM