

(0,50mm) .0197"

LSHM SERIES



LSHM-120-01-L-DH-A-S-K-TR

LSHM-150-02.5-L-DV-A-N-K-TR

LSHM-130-02.5-L-DV-A-S-K-TR

LSHM-120-04.0-L-DV-A-N-K-TR

HIGH SPEED HERMAPHRODITIC STRIP

SPECIFICATIONS

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

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over

50µ" (1,27µm) Ni

Current Rating:

TBD

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

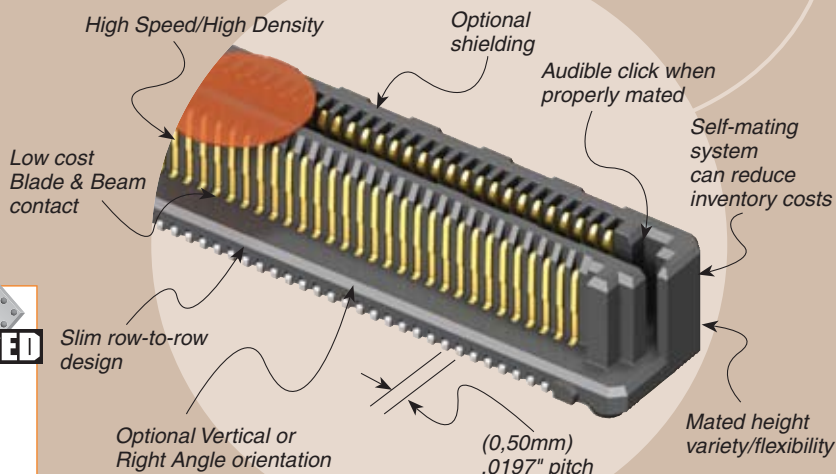
(0,10mm) .004" max

Board Stacking:

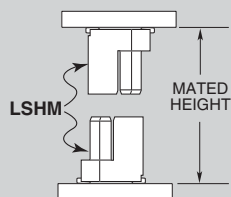
For applications requiring more than two connectors per board, contact ipg@samtec.com



- High retention contacts
- Audible click when mated
- Shrouded



APPLICATION



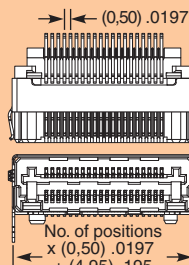
LEAD STYLE	MATED HEIGHT*
-02.5 & -02.5	(5,00) .196
-02.5 & -03.0	(5,50) .217
-03.0 & -03.0	(6,00) .236
-02.5 & -04.0	(6,50) .256
-03.0 & -04.0	(7,00) .276
-04.0 & -04.0	(8,00) .315
-02.5 & -06.0	(8,50) .335
-03.0 & -06.0	(9,00) .354
-04.0 & -06.0	(10,00) .394
-06.0 & -06.0	(12,00) .472

*Processing conditions will affect mated height.

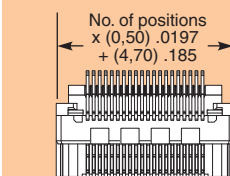
Note: Some lengths, styles and options are non-standard, non-returnable.

LSHM - 1 NO. PINS PER ROW - LEAD STYLE - PLATING OPTION - TAIL OPTION - A - SHIELD OPTION - K - TR

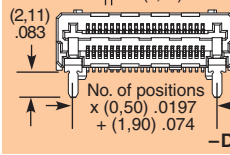
20, 30, 40, 50



-DH-S



-DH-N



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

-DV = Vertical

-DH = Right Angle (Lead style -01 only)

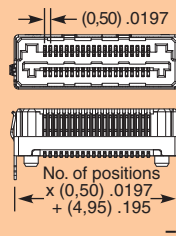
-S = With Shield

-N = Without Shield

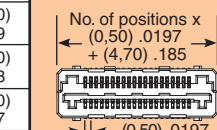
-K = (4,50mm) .177" DIA Polyimide film Pick & Place Pad

-TR = Tape & Reel

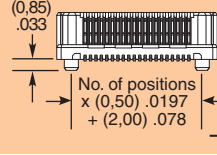
LEAD STYLE	A	B
-01	NA (-DH only)	NA (-DH only)
-02.5	(3,95) .156	(1,00) .039
-03.0	(4,45) .175	(1,50) .059
-04.0	(5,45) .215	(2,50) .098
-06.0	(7,45) .293	(4,50) .177



-DV-S



-DV-N



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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC SILICON VALLEY • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292 SAMTEC ISRAEL • Tel: 972-3-7526600
 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-61103766 SAMTEC TAIWAN • Tel: 886-2-2735-6109
 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9512 7747 SAMTEC SOUTH AFRICA • Tel: 27 11 452 8112