

(0,50 mm) .0197"

LSHM-150-01-L-DH-A-S-K-TR

LSHM-130-01-F-DH-A-S-K-TR

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

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

LSHM-DH, LSHM-RH SERIES

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" (1,27 µm) Ni

Current Rating:

1.9 A per pin

(2 adjacent pins powered)

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max

Board Mates:

LSHM

Cable Mates:

HLCD



Optional shielding

Standard or reverse Right Angle orientation (vertical available)

Suitable for coplanar and perpendicular applications

LSHM-DH/LSHM-DV	Rated @ 3dB Insertion Loss*
Single-Ended Signaling	7 GHz / 14 Gbps
Differential Pair Signaling	6 GHz / 12 Gbps

*Performance data includes effects of a non-optimized PCB.
Complete test data available at www.samtec.com?LSHM or contact sig@samtec.com

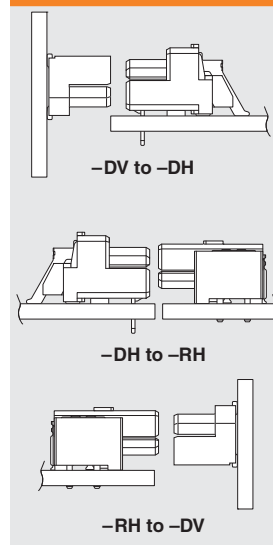
Audible click when mated properly

RECOGNITIONS

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



APPLICATION



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	-01 = Standard -L1 = Lubricated	-F = Gold flash on contact, Matte Tin on tail -L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail	-DH = Right Angle -RH = Reverse Right Angle		-S = With Shield -N = Without Shield	-K = (3,50 mm) .138" DIA Polyimide film Pick & Place Pad	-TR = Tape & Reel

-DH-S

-RH-S

-DH-N

-RH-N