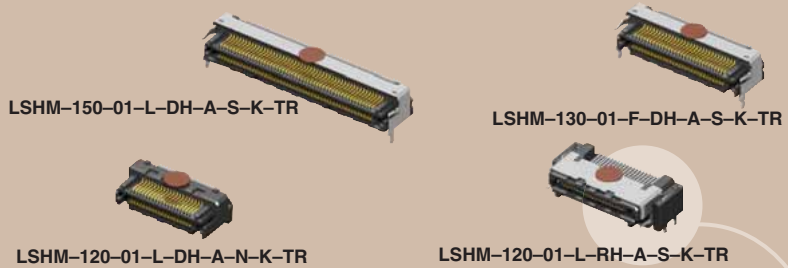


(0,50 mm) .0197"



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

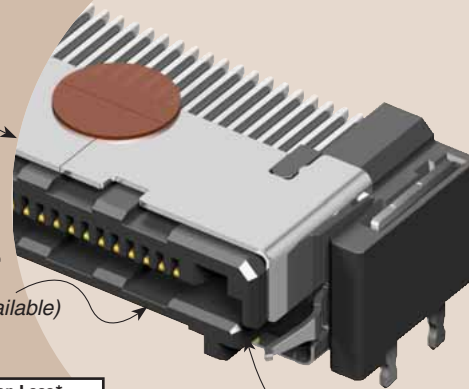
Processing:
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0,10 mm) .004" max

Mates with:
LSHM

- High retention contacts
- Audible click when mated
- Shrouded

Optional shielding

Standard or reverse Right Angle orientation (vertical available)



Suitable for coplanar and perpendicular applications

Audible click when mated properly

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

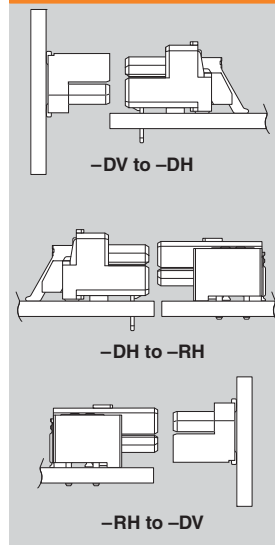
RECOGNITIONS

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



LSHM - 1 NO. PINS PER ROW - 01 - PLATING OPTION - TAIL OPTION - A - SHIELD OPTION - K - TR

APPLICATION



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

<p>20, 30, 40, 50</p> <p>No. of positions x (0,50) .0197 + (4,95) .195</p> <p>-DH-S</p>	<p>-F = Gold flash on contact, Matte Tin on tail</p> <p>-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail</p>	<p>-DH = Right Angle</p> <p>-RH = Reverse Right Angle</p>	<p>-S = With Shield</p> <p>-N = Without Shield</p>	<p>-K = (4,50 mm) .177" DIA Polyimide film Pick & Place Pad</p> <p>-TR = Tape & Reel</p>
<p>No. of positions x (0,50) .0197 + (4,70) .185</p> <p>-DH-N</p>				
<p>No. of positions x (0,50) .0197 + (2,65) .104</p> <p>-RH-S</p>				
<p>No. of positions x (0,50) .0197 + (7,70) .303</p> <p>-RH-N</p>				

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

WWW.SAMTEC.COM