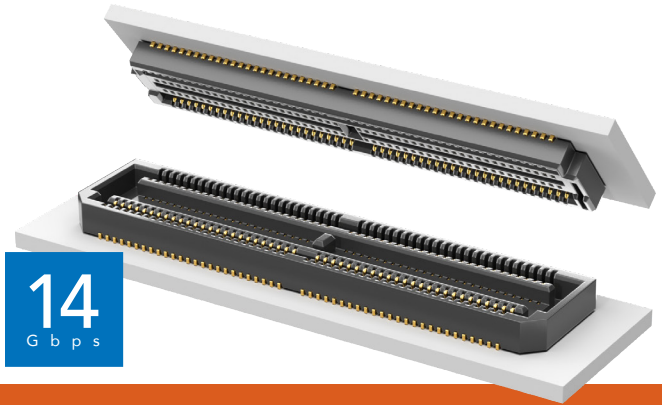
LOW PROFILE BLADE AND BEAM

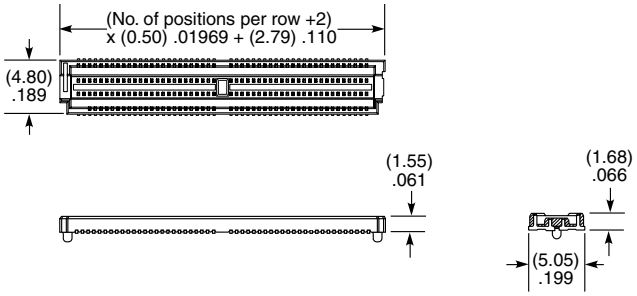
(0.50 mm) .0197" PITCH • LTH/LSH SERIES



LTH
Mates:
LSH

LSH
Mates:
LTH

LTH	–	NO. OF POSITIONS PER ROW	–	01	–	PLATING OPTION	–	D	–	A	–	OTHER OPTION
		–010, –020, –030, –040, –050				–G = 10 µ" (0.25 µm) Gold						–K = (5.50 mm) .217" DIA Polyimide film Pick & Place Pad –TR = Tape & Reel –FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)



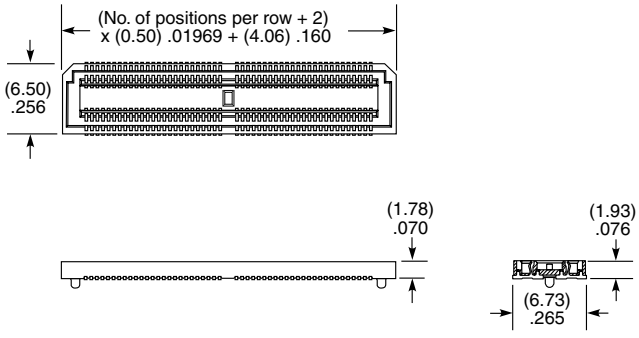
SPECIFICATIONS

Insulator Material:
Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Contact Material:
BeCu
Plating:
Au over 50 µ" (1.27 µm) Ni
Current Rating:
2.6 A per pin
(2 pins powered)
Voltage Rating:
188 VAC/266 VDC
Operating Temp Range:
-55 °C to +125 °C

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max
Board Stacking:
For applications requiring more than two connectors per board, contact ipg@samtec.com

LSH	–	NO. OF POSITIONS PER ROW	–	01	–	PLATING OPTION	–	D	–	A	–	OTHER OPTION
		–010, –020, –030, –040, –050				–G = 10 µ" (0.25 µm) Gold						–K = (7.50 mm) .295" DIA Polyimide film Pick & Place Pad –TR = Tape & Reel –FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)



MATED HEIGHT

LEAD STYLE	MATED HEIGHT*
-01	(2.31 mm) .091"

*Processing conditions will affect mated height.

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

Mouser Electronics

Authorized Distributor

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Samtec:

LSH-010-01-G-D-A-K-TR LSH-020-01-G-D-A-K-TR LSH-010-01-G-D-A LSH-030-01-H-D-A LSH-030-01-H-D-A-K LSH-050-01-G-D-A-TR LSH-010-01-H-D-A-K-TR LSH-030-01-H-D-A-TR LSH-010-01-H-D-A-TR LSH-040-01-G-D LSH-020-01-H-D-A-K-TR LSH-030-01-G-D-A-TR LSH-030-01-G-D-A-K LSH-040-01-G-D-A-TR LSH-040-01-H-D-A-K-TR LSH-020-01-G-D-A-K LSH-020-01-G-D-A-TR LSH-020-01-H-D-A-FR LSH-010-01-G-D-A-FR LSH-050-01-G-D-A-K-FR LSH-010-01-G-D-A-K-FR LSH-050-01-H-D-A-TR LSH-050-01-G-D-A-FR LSH-050-01-H-D-A-FR