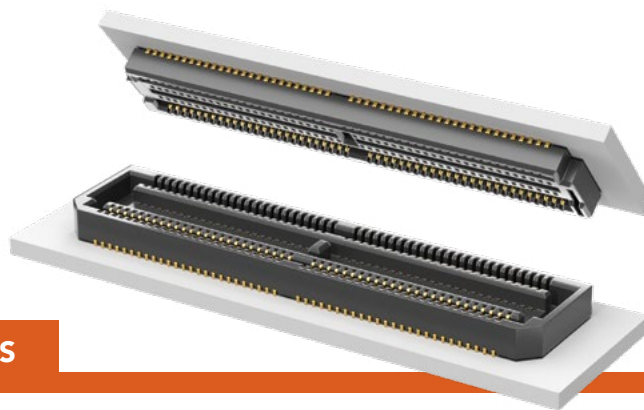


LOW-PROFILE BLADE AND BEAM

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



LTH
Mates:
LSH

LSH
Mates:
LTH

SPECIFICATIONS

Insulator Material:

Liquid Crystal
Polymer

Terminal Material:

Phosphor Bronze

Contact Material:

BeCu

Plating:

Au over 50 μ " (1.27 μ m) Ni

Current Rating:

2.6 A per pin
(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C

PROCESSING

Lead-Free Solderable:

Yes

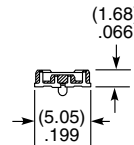
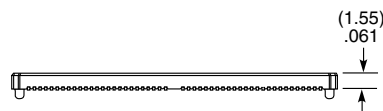
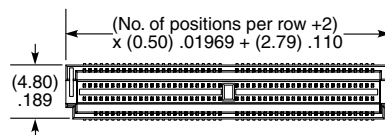
SMT Lead Coplanarity:

(0.10 mm) .004" max

Board Stacking:

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

LTH	-	NO. OF POSITIONS PER ROW	-	01	-	PLATING OPTION	-	D	-	A	-	OTHER OPTION
		-010, -020, -030, -040, -050				-G = 10 μ " (0.25 μ m) Gold						-K = (5.50 mm) .217" DIA Polyimide film Pick & Place Pad



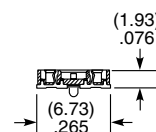
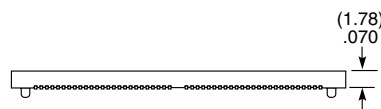
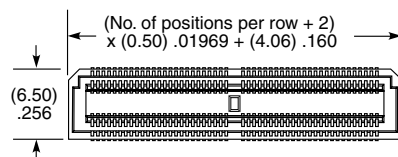
-TR
= Tape & Reel

-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)

LSH	-	NO. OF POSITIONS PER ROW	-	01	-	PLATING OPTION	-	D	-	A	-	OTHER OPTION
		-010, -020, -030, -040, -050				-G = 10 μ " (0.25 μ m) 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[LTH-050-01-G-D-A](#) [LTH-020-01-G-D-A-K-TR](#) [LTH-040-01-G-D-A](#) [LTH-030-01-G-D-A](#) [LTH-050-01-G-D-A-K](#) [LTH-050-01-G-D-A-K-TR](#) [LTH-010-01-G-D-A](#) [LTH-030-01-G-D-A-K-TR](#) [LTH-020-01-G-D-A](#) [LTH-010-01-G-D-A-K-TR](#) [LTH-040-01-G-D-A-K-TR](#) [LTH-010-01-H-D-A-TR](#) [LTH-040-01-H-D-A](#) [LTH-010-01-H-D-A](#) [LTH-030-01-G-D](#) [LTH-040-01-G-D-A-TR](#) [LTH-010-01-G-D-A-K](#) [LTH-040-01-G-D-A-K](#) [LTH-020-01-H-D-A-K](#) [LTH-030-01-G-D-A-K](#) [LTH-030-01-H-D-A-K](#) [LTH-030-01-G-D-A-TR](#) [LTH-040-01-H-D-A-K-TR](#) [LTH-020-01-H-D-A](#) [LTH-020-01-G-D-A-K](#) [LTH-020-01-G-D-A-TR](#) [LTH-020-01-H-D-A-TR](#) [LTH-040-01-H-D-A-K](#) [LTH-010-01-G-D-A-TR](#) [LTH-030-01-H-D-A](#) [LTH-050-01-G-D-A-TR](#) [LTH-050-01-H-D-A](#) [LTH-050-01-H-D-A-K-TR](#) [LTH-030-01-H-D-A-K-TR](#) [LTH-020-01-H-D-A-K-TR](#) [LTH-010-01-H-D-A-K](#) [LTH-030-01-H-D-A-TR](#) [LTH-010-01-H-D-A-K-TR](#)