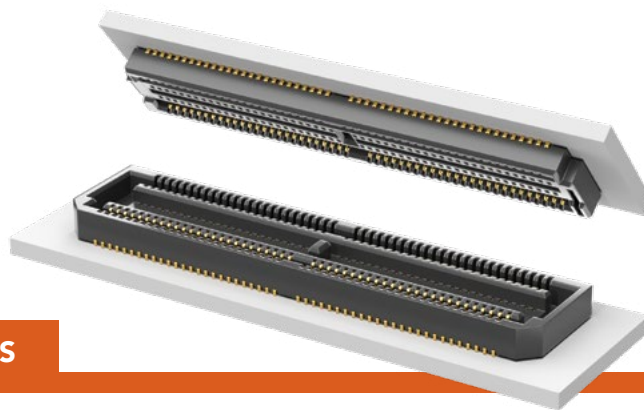


LOW-PROFILE BLADE AND BEAM

(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

SPECIFICATIONS

Insulator Material:

Liquid Crystal
Polymer

Terminal Material:

Phosphor Bronze

Contact Material:

BeCu

Plating:

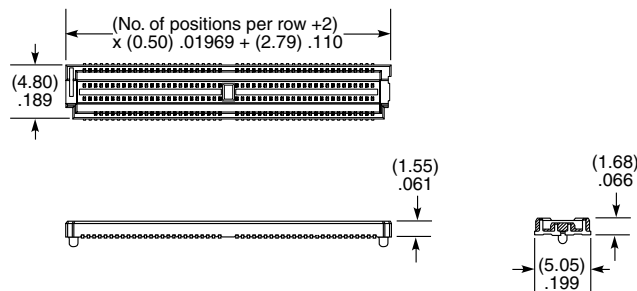
Au over 50 μ" (1.27 μm) Ni

Current Rating:

2.6 A per pin
(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C



PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max

Board Stacking:

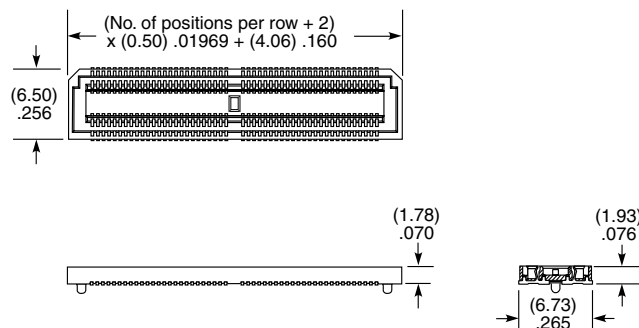
For applications requiring more than two connectors per board, contact ipg@samtec.com

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

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](#)