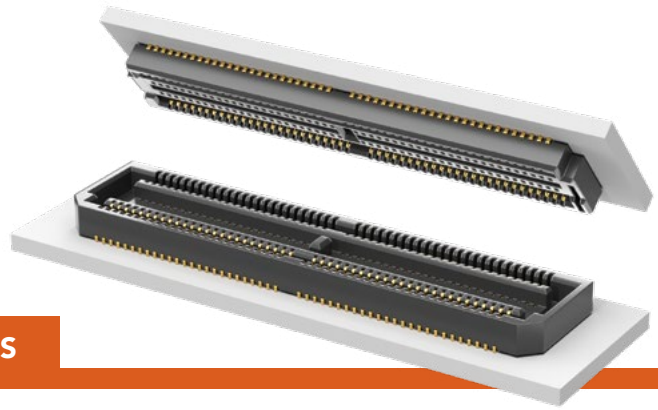


# LOW-PROFILE BLADE AND BEAM

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



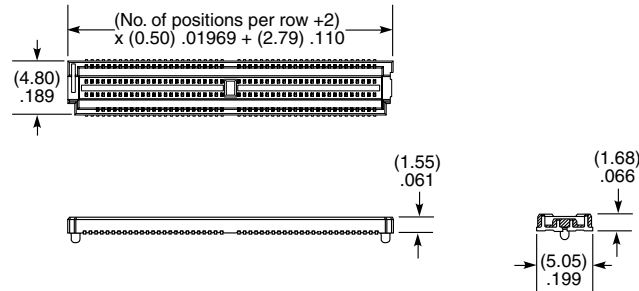
**LTH**  
Mates:  
LSH

**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



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

## 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

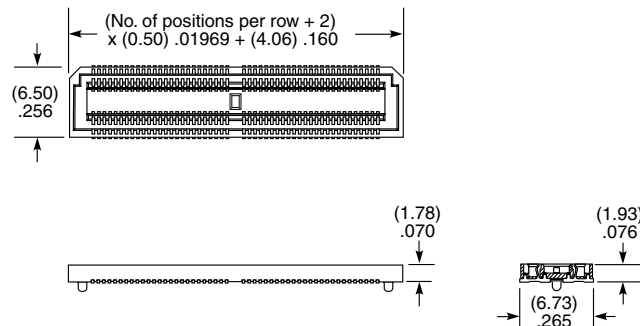
LSH	-	NO. OF POSITIONS PER ROW	-	01	-	PLATING OPTION	-	D	-	A	-	OTHER OPTION
		-010, -020, -030, -040, -050				-G = 10 μ" (0.25 μm) Gold						-K = (7.50 mm) .295" DIA Polyimide film Pick & Place Pad  -TR = Tape & Reel

-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.

# Mouser Electronics

Authorized Distributor

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## Samtec:

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