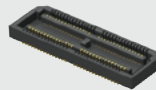


LSH-030-01-G-D-A



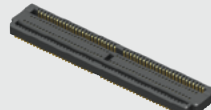
LSH-010-01-G-D-A



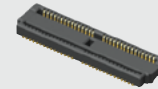
LSH-050-01-G-D-A



LTH-050-01-G-D-A



LTH-030-01-G-D-A



LTH-010-01-G-D-A



(0.50 mm) .0197"

LTH, LSH SERIES

# LOW-PROFILE BLADE AND BEAM

LTH Mates with:

LSH

LSH Mates with:

LTH

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?LTH](http://www.samtec.com?LTH) or [www.samtec.com?LSH](http://www.samtec.com?LSH)

**Insulator Material:**Liquid Crystal  
Polymer**Terminal Material:**

Phosphor Bronze

**Contact Material:**

BeCu

**Plating:**Au over 50  $\mu$ " (1.27  $\mu$ m) Ni**Current Rating:**

2.6 A per pin

(2 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

**Board Stacking:**For applications requiring more than two connectors per board, contact [ipg@samtec.com](mailto:ipg@samtec.com)

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



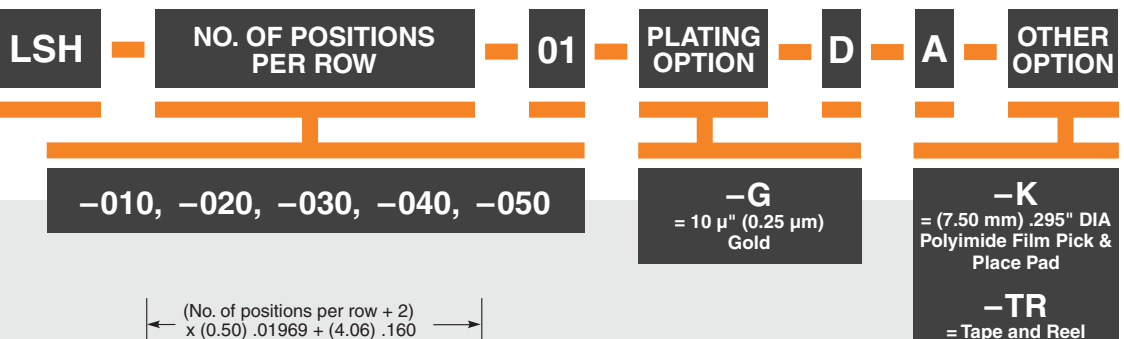
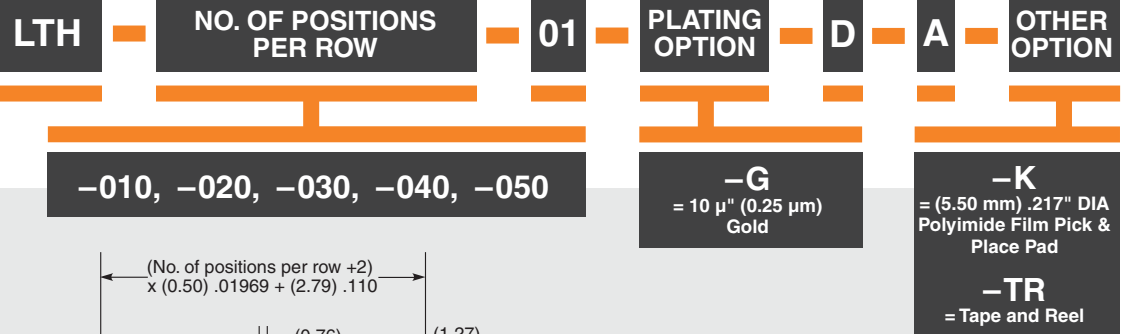
FILE NO. E111594

## MATED HEIGHT

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

\*Processing conditions will affect mated height.

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



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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

# Mouser Electronics

Authorized Distributor

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

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