

LSH-030-01-G-D-A



LSH-010-01-G-D-A



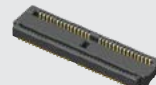
LSH-050-01-G-D-A



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.

LTH

NO. OF POSITIONS PER ROW

01

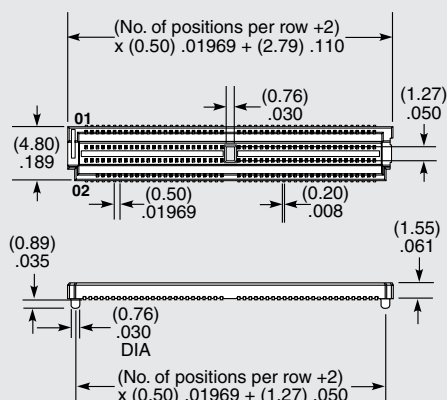
PLATING OPTION

D

A

OTHER OPTION

-010, -020, -030, -040, -050



-G

= 10  $\mu$ " (0.25  $\mu$ m)  
Gold

-K

= (5.50 mm) .217" DIA  
Polyimide Film Pick &  
Place Pad

-TR

= Tape and Reel

-FR

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

LSH

NO. OF POSITIONS PER ROW

01

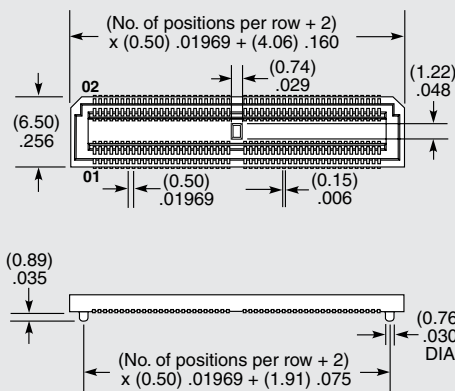
PLATING OPTION

D

A

OTHER OPTION

-010, -020, -030, -040, -050



-G

= 10  $\mu$ " (0.25  $\mu$ m)  
Gold

-K

= (7.50 mm) .295" DIA  
Polyimide Film Pick &  
Place Pad

-TR

= Tape and Reel

-FR

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

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.