

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 μ" (1.27 μm) 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.



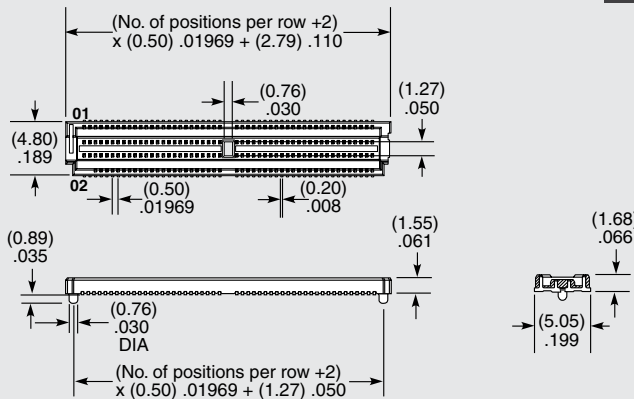
-010, -020, -030, -040, -050

-G  
= 10 μ" (0.25 μm) Gold

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

-TR  
= Tape and Reel

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



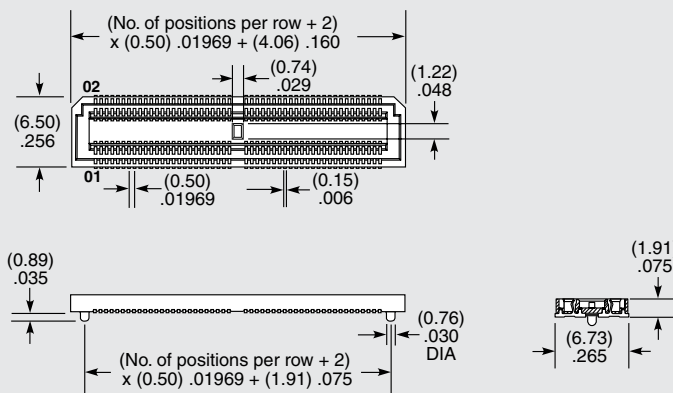
-010, -020, -030, -040, -050

-G  
= 10 μ" (0.25 μm) Gold

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

-TR  
= Tape 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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:*

*Click to view products by [Samtec](#) manufacturer:*

Other Similar products are found below :

[10135583-642402LF](#) [89885-310LF](#) [589158040000018](#) [6-1393048-0](#) [68683-613](#) [MDF7-12DP-2.54DSA](#) [MDF7-18P-2.54DSA\(01\)](#) [MDF7-20DP-2.54DSA](#) [MDF7-26D-2.54DSA\(55\)](#) [MDF7-3P-2.54DSA\(01\)](#) [MDF7B-3P-2.54DSA\(55\)](#) [MDF7C-11P-2.54DSA\(55\)](#) [MDF7C-18P-2.54DSA\(55\)](#) [MDF7C-5P-2.54DSA\(01\)](#) [MDF7P-5P-2.54DSA\(55\)](#) [75234-0516](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-360C008-C](#) [FCN-360C040-C](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [93696-325LF](#) [11828-1FA](#) [AXK630345P](#) [18097-0013](#) [ICA-328STT](#) [2007042-2](#) [304400-2](#) [FCN-214Q030-G/0](#) [FCN-215Q040-G/0](#) [FCN-230C068-ESA](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [FCN-360A3](#) [FCN-360C040-B](#) [210-93-314-41-105000](#) [2-22603-0](#) [379-064-521-202](#) [MDF7-12P-2.54DSA\(01\)](#) [MDF7-16P-2.54DS\(56\)](#) [MDF7-40DP-2.54DSA\(55\)](#) [MDF7-8P-2.54DSA\(55\)](#) [MDF7B-16P-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#)