

# LOW PROFILE 0,5mm HEADER LTH SERIES

## SPECIFICATIONS

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

**Insulator Material:**  
Liquid Crystal Polymer



**Terminal Material:**  
Phosphor Bronze

**Plating:**  
Au over 50µ" (1,27µm) Ni

**Current Rating:**  
1.5A @ 80°C ambient

**Operating Temp Range:**  
-55°C to +125°C

**Processing:**  
**Max Processing Temp:**  
230°C for 60 seconds, or  
260°C for 20 seconds 3x  
**Lead-Free Solderable:**  
Yes

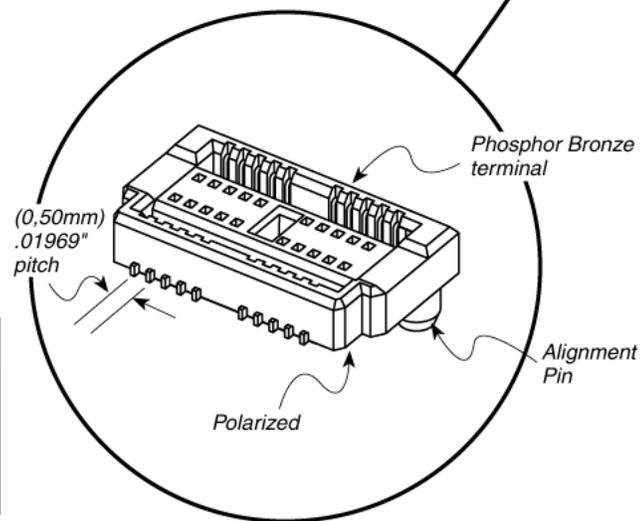
**SMT Lead Coplanarity:**  
(0,10mm).004" max

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

Mates with:  
LSH

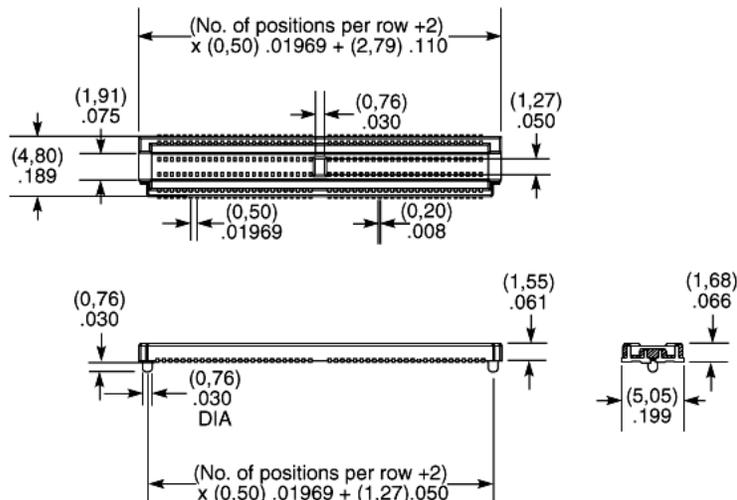
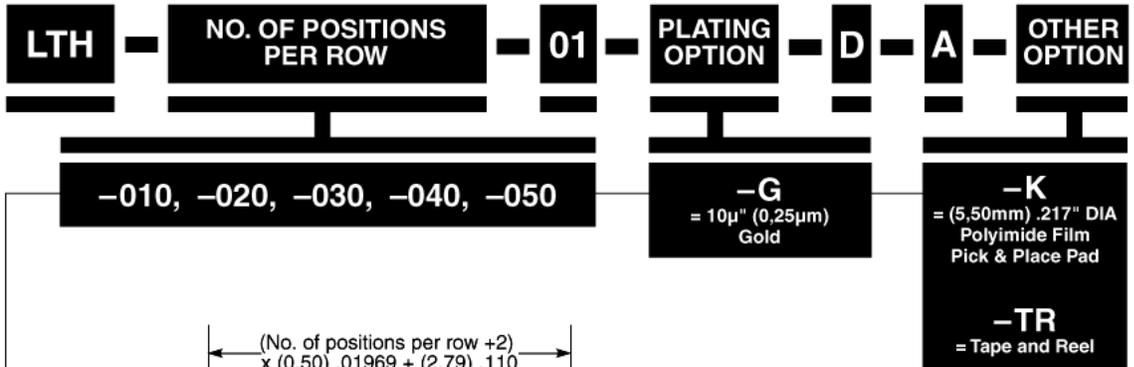
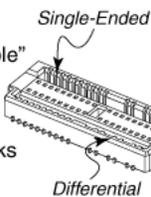
## STACK HEIGHT

LEAD STYLE	MATED HEIGHT WITH LSH
-01	(2,31) .091



## APPLICATION SPECIFIC OPTION

Differential Pair and "Partitionable" (combine differential and single-ended banks in same connector) available. Call Samtec ASP Group.



**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)