



**BTH SERIES** 

(0.50 mm) .0197"

# **BLADE & BEAM HEADER**

#### **SPECIFICATIONS**

For complete specifications and recommended PCB layouts see www.samtec.com?BTH

Insulator Material: Black LCP Contact Material: Phosphor Bronze Plating: Au or Sn over 50 μ" (1.27 μm) Ni Current Rating: 2.0 A per pin (2 pins powered)

UL 94 VO

Operating Temp Range: -55 °C to +125 °C Voltage Rating: 275 VAC Max Cycles: 100 RoHS Compliant: Yes

## **PROCESSING**

Lead-Free Solderable: Yes SMT Lead Coplanarity:

Vertical= (0.10 mm) .004" max (030-090) Vertical=

(0.15 mm) .006" max (120-150) Right-angle=

(0.15 mm) .006" max (030-090) Board Stacking:

For applications requiring more than two connectors per board or 90 positions or higher, contact ipg@samtec.com

## RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



## **MATED HEIGHT**

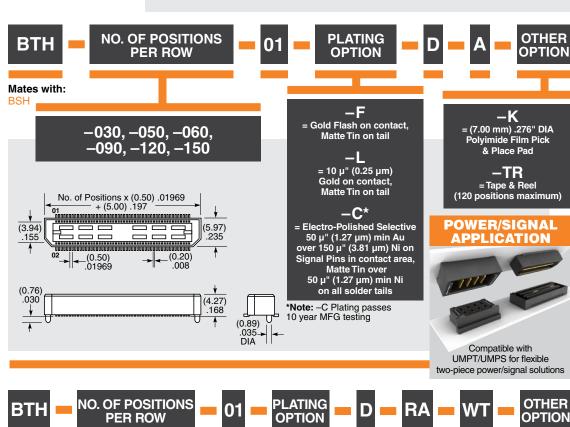
LEAD STYLE	MATED HEIGHT*
-01	(5.00) .197
*Processing conditions will affect mated height.	

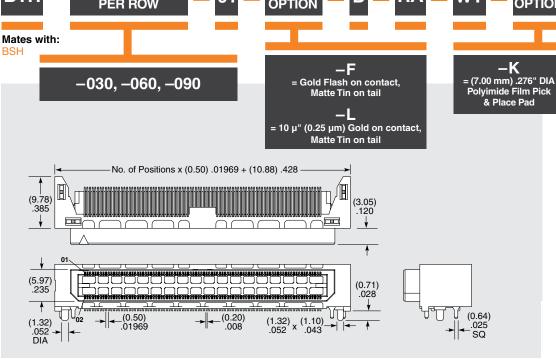
## ALSO AVAILABLE (MOQ Required)

- 30 μ" (0.76 μm) Gold
- · Edge Mount Capability
- 8 mm, 11 mm, 16 mm, 19 mm and 22 mm Stack Height (Caution: Some automatic placement/ inspection machines may have component height restrictions. Please consult machinery specifications.) (11 mm, 16 mm, 19 mm and 22 mm not available with 50 positions)

Contact Samtec.

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. I WWW.SAMTEC.COM I