

(0,635mm) .025"

BTS, BSS SERIES

# BASIC BLADE & BEAM HEADER & SOCKET

## SPECIFICATIONS

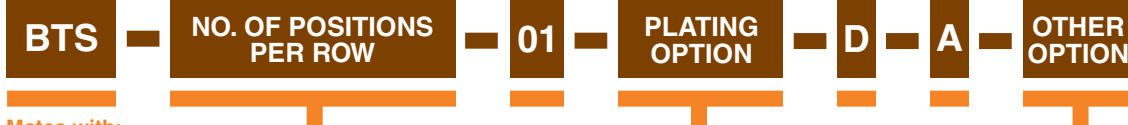
For complete specifications and recommended PCB layouts see [www.samtec.com?BTS](http://www.samtec.com?BTS) or [www.samtec.com?BSS](http://www.samtec.com?BSS)

**Insulator Material:** Liquid Crystal Polymer  
**Terminal Material (BTS):** Phosphor Bronze  
**Contact Material (BSS):** Phosphor Bronze  
**Plating:** Au or Sn over 50µ" (1,27µm) Ni  
**Current Rating:** 1.6A @ 80°C ambient  
**Operating Temp Range:** -55°C to +125°C  
**RoHS Compliant:** Yes



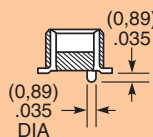
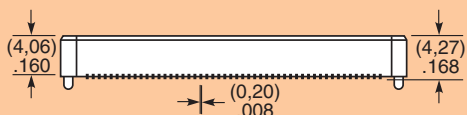
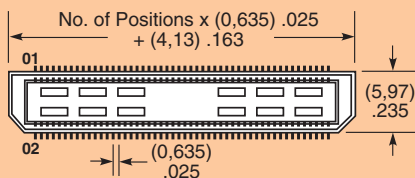
## Processing:

**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0,10mm) .004" max  
**Board Stacking:** For applications requiring more than two connectors per board or 100 positions or higher, contact [ipg@samtec.com](mailto:ipg@samtec.com)



Mates with: BSS

—025, —050, —075, —100, —125, —150



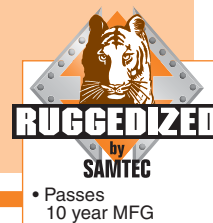
—F = Gold Flash on contact, Matte Tin on tail

—L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail

Note: Other Gold plating options available. Contact Samtec.

—K = (7,00mm) .275" DIA Polyimide Film Pick & Place Pad

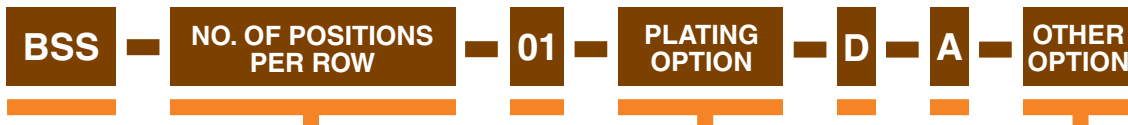
—TR = Tape & Reel (-100 positions maximum)



## MATED HEIGHT

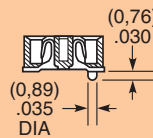
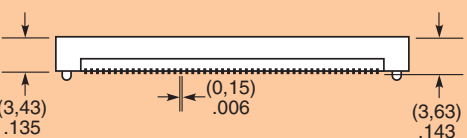
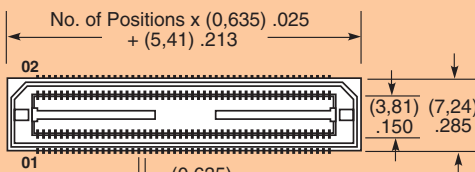
LEAD STYLE	MATED HEIGHT*
-01	(5,00) .197

\*Processing conditions will affect mated height.



Mates with: BTS

—025, —050, —075, —100, —125, —150



—F = Gold Flash on contact, Matte Tin on tail

—L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail

Note: Other Gold plating options available. Contact Samtec.

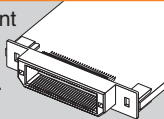
—TR = Tape & Reel (-100 positions maximum)

## APPLICATION SPECIFIC OPTION

30µ" (0,76µm) Gold available. Call Samtec.

## EDGE MOUNT CAPABILITY

Edge Mount capability. Call for availability.



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.

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