



(0,635 mm) .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" (1,27 µm) Ni

Current Rating: 1.8 A per pin (1 pin powered per row)

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 or 100 positions or higher, 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. E11594

## MATED HEIGHT

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

\*Processing conditions will affect mated height.

## ALSO AVAILABLE (MOQ Required)

- 30µ" (0,76 µm) Gold
  - Other platings
  - Other positions
- Contact Samtec.

## OTHER SOLUTIONS

Edge Mount capability. Call for availability.



Note: Some lengths, styles and options are non-standard, non-returnable.

**BTS** — **NO. OF POSITIONS PER ROW** — **01** — **PLATING OPTION** — **D** — **A** — **OTHER OPTION**

Mates with: **BSS**

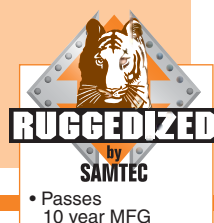
**-025, -050, -075, -100**

**-F**  
= Gold Flash on contact, Matte Tin on tail

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

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

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



**BSS** — **NO. OF POSITIONS PER ROW** — **01** — **PLATING OPTION** — **D** — **A** — **OTHER OPTION**

Mates with: **BTS**

**-025, -050, -075, -100**

**-F**  
= Gold Flash on contact, Matte Tin on tail

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

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

Due to technical progress, all designs, specifications and components are subject to change without notice.

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