

(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

50 μm (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. E111594

## MATED HEIGHT

LEAD STYLE	MATED HEIGHT*
-01	(5.00) .197

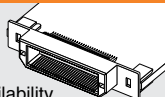
\*Processing conditions will affect mated height.

## ALSO AVAILABLE (MOQ Required)

- 30 μm (0.76 μm) Gold
  - Other platings
  - Other positions
- Contact Samtec.

## OTHER SOLUTIONS

Edge Mount capability. Call for availability.



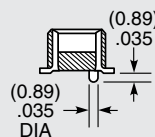
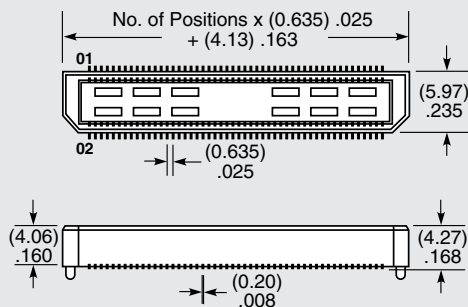
**Note:** Some lengths, styles and options are non-standard, non-returnable.

**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

= 10 μm (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)

**RUGGEDIZED BY SAMTEC**

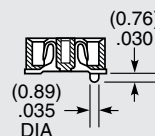
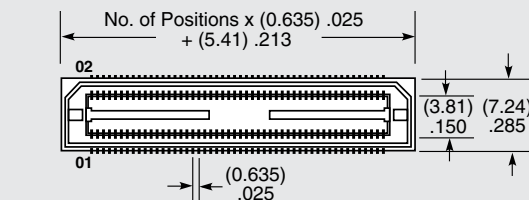
- Passes 10 year MFG

**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

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