

(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 or 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 (2 pins powered)
- 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

RECOGNITIONS

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



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
				<p>Compatible with UMPT/UMPS for flexible two-piece power/signal solutions</p>		
<p>• Passes 10 year MFG</p>						

MATED HEIGHT

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

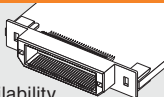
*Processing conditions will affect mated height.

ALSO AVAILABLE (MOQ Required)

- 30 µm (0.76 µm) Gold
- Other platings
- Other positions

OTHER SOLUTIONS

Edge Mount capability. Call for availability.



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

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 = 10 µm (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.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

Mouser Electronics

Authorized Distributor

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Samtec:

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