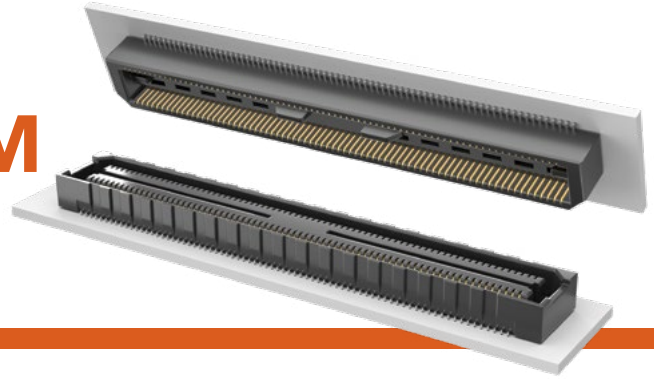


BASIC BLADE & BEAM HEADER & SOCKET

(0.635 mm) .025" PITCH • BTS/BSS SERIES



BTS
Mates:
BSS

BSS
Mates:
BTS

SPECIFICATIONS

Insulator Material:
Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over 50 μ " (1.27 μ m) Ni
Current Rating:
1.8 A per pin
(2 pins powered)
Operating Temp Range:
-55 °C to +125 °C

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

ALSO AVAILABLE

MOQ Required

30 μ " (0.76 μ m) Gold
Other platings
Other positions

MATED HEIGHT

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

*Processing conditions will affect mated height.



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

BTS	NO. OF POSITIONS PER ROW	01	PLATING OPTION	D	A	OTHER OPTION
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-025, -050,
-075, -100

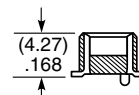
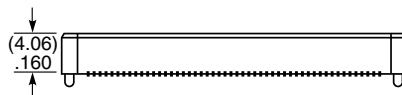
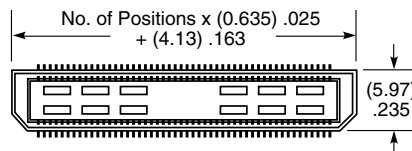
-F
= Gold Flash on contact,
Matte Tin on tail

-L
= 10 μ " (0.25 μ m)
Gold on contact,
Matte Tin on tail

-K
= (7.00 mm)
.275" DIA
Polyimide Film
Pick & Place Pad

-TR
= Tape & Reel
(-100 positions max.)

-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)
(-100 positions max.)



BSS	NO. OF POSITIONS PER ROW	01	PLATING OPTION	D	A	OTHER OPTION
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-025, -050,
-075, -100

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

-L
= 10 μ " (0.25 μ m)
Gold on contact,
Matte Tin on tail

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

-FR
= Full Reel
Tape & Reel
(must order maximum
quantity per reel;
contact Samtec for
quantity breaks)
(-100 positions maximum)

