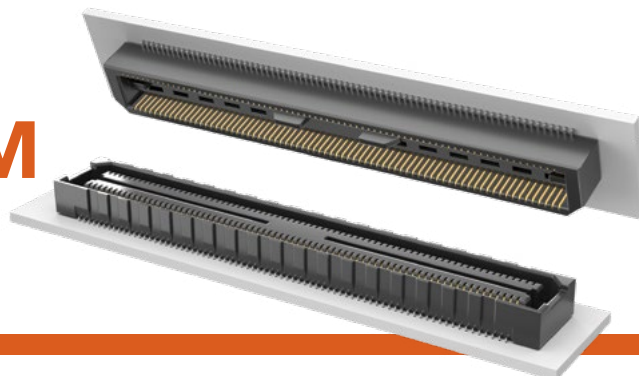


BASIC BLADE & BEAM HEADER & SOCKET

(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

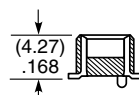
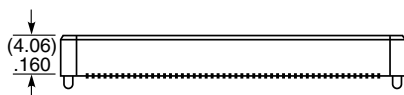
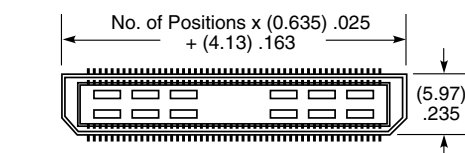
| LEAD STYLE | MATED HEIGHT* |
|------------|-----------------|
| -01 | (5.00 mm) .197" |

*Processing conditions will affect mated height.

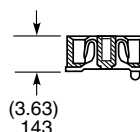
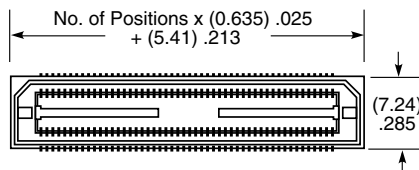


Note:
Some lengths, styles and options are non-standard, non-returnable.

| BTS | NO. OF POSITIONS PER ROW | 01 | PLATING OPTION | D | A | OTHER OPTION |
|-----|--------------------------|----|--|---|---|---|
| | -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 |
|-----|--------------------------|----|--|---|---|---|
| | -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) |



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