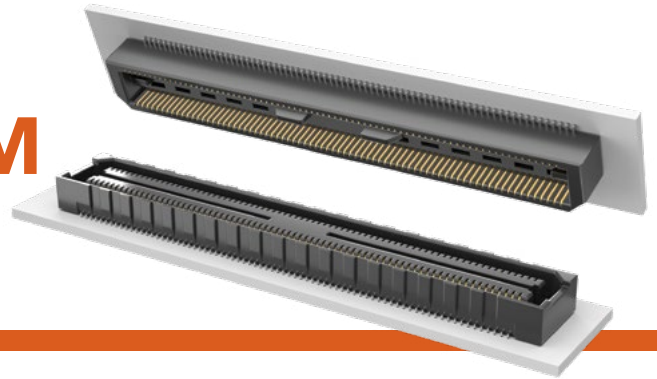


BASIC BLADE & BEAM HEADER & SOCKET

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



BTS
Mates:
BSS

BSS
Mates:
BTS

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 μm)
Gold on contact,
Matte Tin on tail

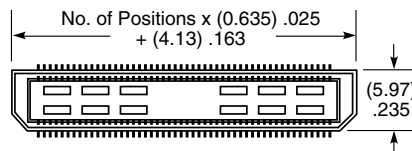
-K
= (7.00 mm)
.275" DIA
Polyimide Film
Pick & Place Pad

-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.)

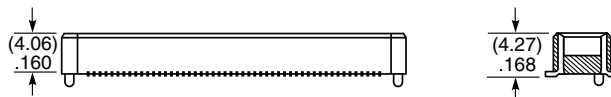
SPECIFICATIONS

Insulator Material:
Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over 50 μ" (1.27 μm) 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 μm) Gold
Other platings
Other positions

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 μm)
Gold on contact,
Matte Tin on tail

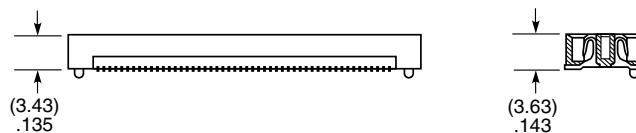
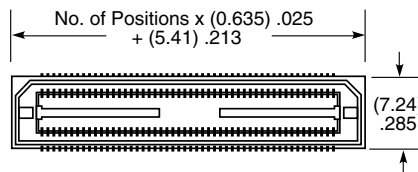
-TR
= Tape & Reel
(-100 positions
maximum)

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

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.

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