(0.80 mm) .0315" PITCH • BTE/BSE SERIES





BSE Mates:

SPECIFICATIONS

Insulator Material: Liquid Crystal Polymer Contact Material: Phosphor Bronze **Plating:** Au or Sn over 50 µ" (1.27 µm) Ni Operating Temp Range: -55 °C to +125 °C **Current Rating:** 2 A per pin (2 pins powered) Voltage Rating: 225 VAC/318 VDC Max Cycles:

PROCESSING

Lead-Free Solderable:

(0.10 mm) .004" max (020-080) (0.15 mm) .006" max (100-120)* *(.004" stencil solution may be available; contact ipg@samtec.com)
Board Stacking:

For applications requiring more than two connectors per board or 80 positions or higher, contact ipg@samtec.com

ALSO AVAILABLE

30 μ" (0.76 μm) Gold **Edge Mount Capability** Friction Lock option 11 mm, 14 mm, 16.10 mm,

19.10 mm, 22 mm, 25 mm and 30 mm Stack Height (Caution: Some automatic placement/ inspection machines may have component height restrictions. Please consult machinery specifications.)



Note:

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



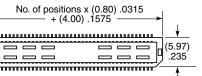
-020, -040, -060, -080, -100, -120

Specify LEAD **STYLE** from

LEAD

STYLE

chart





NO. OF POSITIONS

-080, -100, -120



LEAD STYLE	A
-01	(4.27) .168
-02	(7 21) 284

PLATING OPTION

–F Gold Flash on contact, Matte Tin on tail

= 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail

-C* - L*

Electro-Polished Selective
50 μ" (1.27 μm) min
Au over 150 μ" (3.81 μm)
Ni on Signal Pins in contact
area, Matte Tin over
50 μ" (1.27 μm) min
Ni on all solder tails (*–C Plating passes 10 year MFG testing)

MATED HEIGHT LEAD STYLE MATED HEIGHT* -01 (5.00 mm) .197" (8.00 mm).315" -02

*Processing conditions will affect mated height.



BSE

01

PLATING OPTION



Gold Flash on contact, Matte Tin on tail

> $= 10 \mu'' (0.25 \mu m)$ Gold on contact Matte Tin on tail



-TR Tape & Reel (80 positions maximum)

OPTION

-K

= (7.00 mm)

.275" DIA Polyimide Film

Pick & Place Pad

= Tape & Reel

(80 positions

maximum)

-FR

= Full Reel

Tape & Reel (must order

maximum

quantity per

reel; contact

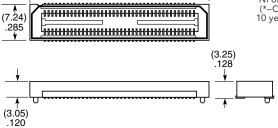
Samtec for

quantity breaks)

(80 positions maximum)

-FR = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks) (80 positions

maximum)



No. of positions x (0.80) .0315

+ (5.27) .2075