

0,80mm BASIC SOCKET BSE SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com/BSE

Insulator Material:

Liquid Crystal

Polymer

Contact Material:

Phosphor Bronze

Plating:

Au over 50µ" (1,27µm) Ni

Current Rating:

2A @ 80°C ambient mated with BTE & 5mm Stack Height

Operating Temp Range:

-55°C to +125°C

Voltage Rating:

225 VAC mated with BTE

& 5mm Stack Height

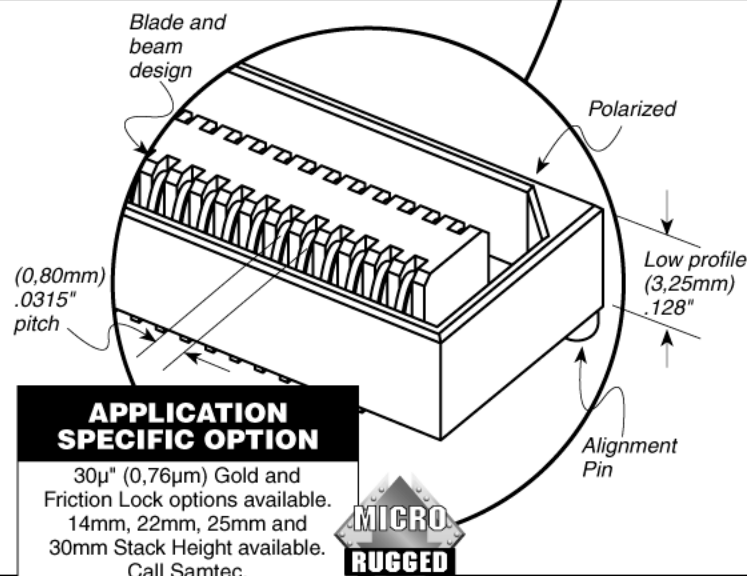


Mates with:
BTE

STACK HEIGHT

LEAD STYLE	MATED HEIGHT WITH BTE
-01	(5,00) .197
-02	(8,00) .315
-03	(11,00) .433
-04	(16,10) .634
-05	(19,10) .752

Processing conditions will affect mated height.



APPLICATION SPECIFIC OPTION

30µ" (0,76µm) Gold and Friction Lock options available. 14mm, 22mm, 25mm and 30mm Stack Height available. Call Samtec.



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

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (020-080)

(0,15mm) .006" max (100-120)

Suggested Paste Thickness:

For most applications add

(0,05mm) .002" to max SMT

lead coplanarity

Board Stacking:

For applications requiring more

than two connectors per board,

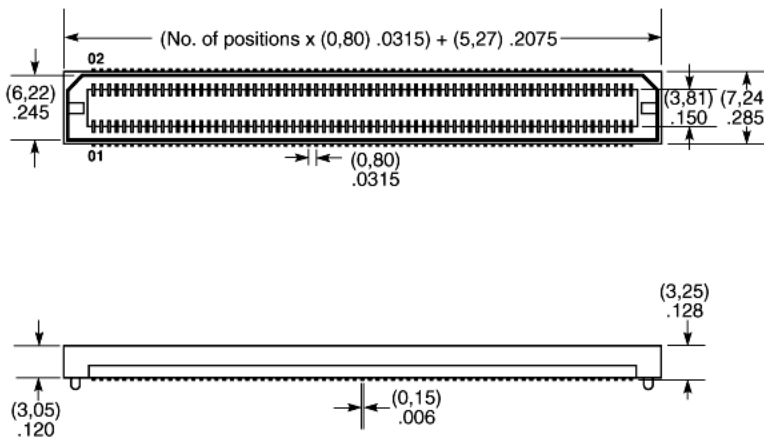
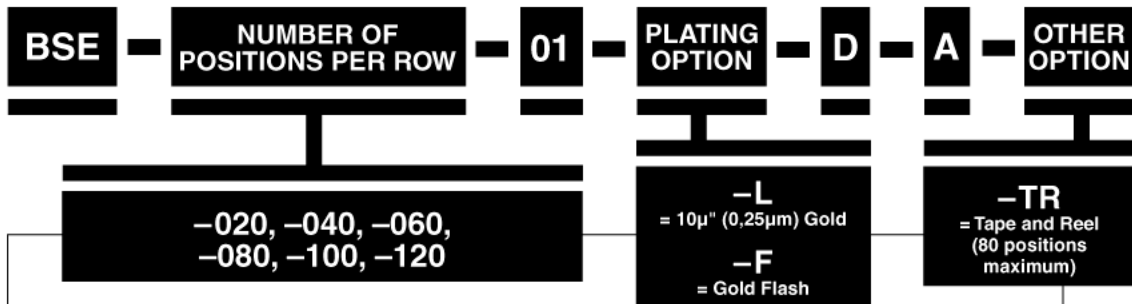
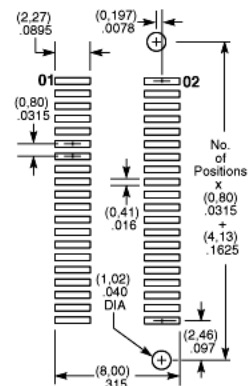
contact ipg@samtec.com

Suggested PCB Layouts:

For reference only. Go to

www.samtec.com/BSE for

recommended PCB layout.



Due to technical progress, all designs, specifications and components are subject to change without notice.

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