

0,80mm BASIC HEADER BTE SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?BTE

Insulator Material:

Liquid Crystal

Polymer

Terminal Material:

Phosphor Bronze

Current Rating:

2A @ 80°C ambient

mated with BSE

& 5mm Stack Height

Operating Temp Range:

-65°C to +125°C

Voltage Rating:

225 VAC mated with BSE

& 5mm Stack Height

Plating:

Au over 50µ" (1,27µm) Ni

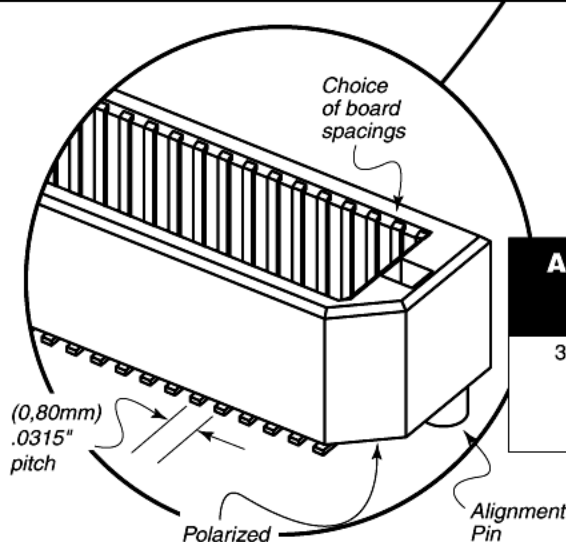
Note: Some lengths, styles and options are non-standard, non-returnable.

Mates with:
BSE

STACK HEIGHT CAPABILITY

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

14mm, 22mm, 25mm and 30mm stack height capability. Call for availability.



APPLICATION SPECIFIC OPTION

30µ" (0,76µm) Gold and Friction Lock options available. Call Samtec.



Processing:

Max Processing Temp:

230°C for 60 seconds

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:

Maximum two connectors

per board recommended. For

applications requiring more

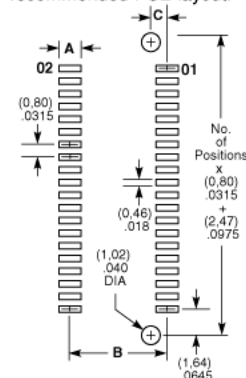
contact ipg@samtec.com

Suggested PCB Layouts:

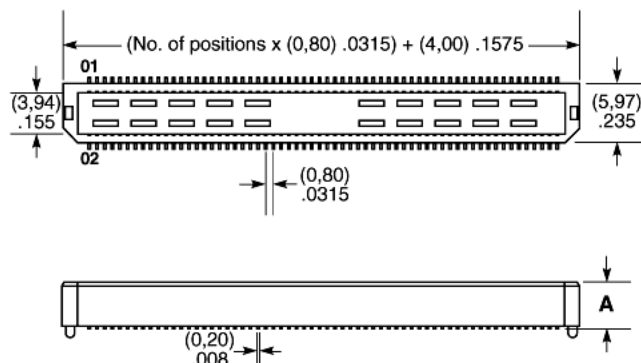
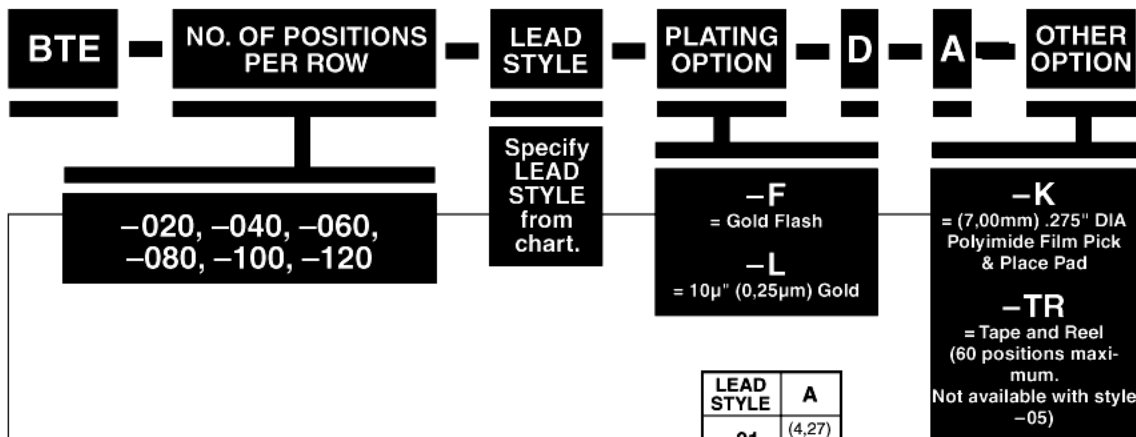
For reference only. Go to

www.samtec.com?BTE for

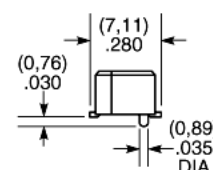
recommended PCB layout.



LEAD STYLE	A	B	C
-01, -02, -03	(1,45) .057	(6,17) .243	(1,05) .0415
-04, -05	(1,94) .0765	(5,96) .2345	(0,95) .0373



LEAD STYLE	A
-01	(4,27) .168
-02	(7,21) .284
-03	(10,26) .404
-04	(15,24) .600
-05	(18,24) .718



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

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