

(0,50mm) .01969"

BSH SERIES

BASIC BLADE & BEAM SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?BSH

Insulator Material: Black LCP
Contact Material: Phosphor Bronze
Plating: Au or Sn over 50µ" (1,27µm) Ni
Current Rating: 1.25A @ 80°C ambient
Flammability Rating: UL 94 VO
Operating Temp Range: -55°C to +125°C
Voltage Rating: 125 VAC
Max Cycles: 100
RoHS Compliant: Yes



Processing: Lead-Free Solderable: Yes

SMT Lead Coplanarity: (0,10mm) .004" max (030-090) (0,15mm) .006" max (120-150)
Board Stacking: For applications requiring more than two connectors per board or 90 positions or higher, contact ipg@samtec.com

BSH - **NO. OF POSITIONS PER ROW** - **01** - **PLATING OPTION** - **D** - **A** - **OTHER OPTION**

Mates with: BTH

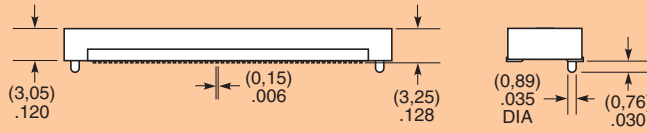
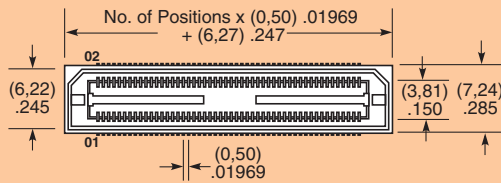
-030, -050, -060, -090, -120, -150

-F
= Gold Flash on contact, Matte Tin on tail

-L
= 10µ" (0,25µm) Gold on contact, Matte Tin on tail

-C*
= Electro-Polished Selective
50µ" (1,27µm) min Au over 150µ" (3,81µm) Ni on Signal Pins in contact area, 10µ" (0,25µm) min Au over 50µ" (1,27µm) Ni on Ground Plane in contact area, Matte Tin over 50µ" (1,27µm) min Ni on all solder tails

-TR
= Tape & Reel (120 positions maximum)



AGILENT LOGIC ANALYZER TEST POINT CONNECTOR

Specify: ASP-65067-01

MATED HEIGHT

LEAD STYLE	MATED HEIGHT*
-01	(5,00) .197

*Processing conditions will affect mated height.

BSH - **NO. OF POSITIONS PER ROW** - **01** - **PLATING OPTION** - **D** - **RA** - **WT** - **OTHER OPTION**

Mates with: BTH

-030, -060, -090

-F
= Gold Flash on contact, Matte Tin on tail

-L
= 10µ" (0,25µm) Gold on contact, Matte Tin on tail

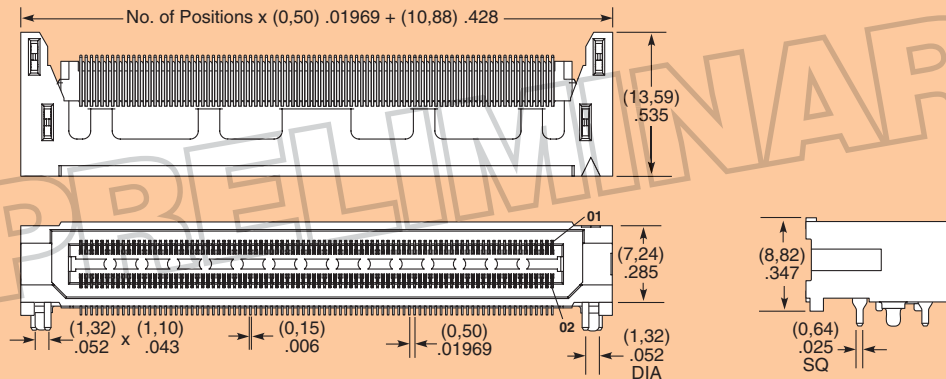
-GP
= Guide Post

APPLICATION SPECIFIC

- 30µ" (0,76µm) Gold
 - Edge Mount Capability
 - 8mm, 11mm, 16mm, 19mm and 22mm Stack Height (Caution: Some automatic placement/inspection machines may have component height restrictions. Please consult machinery specifications.) (11mm, 16mm, 19mm and 22mm not available with 50 positions)
- Call Samtec.

*Note: -C Plating passes 10 year MFG testing

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



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

WWW.SAMTEC.COM