

(0,50mm) .01969"

BSH SERIES



BSH-060-01-F-D-RA-WT

BSH-030-01-L-D-RA-WT

BSH-060-01-F-D-A

BSH-090-01-L-D-A

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

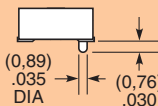
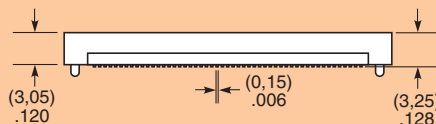
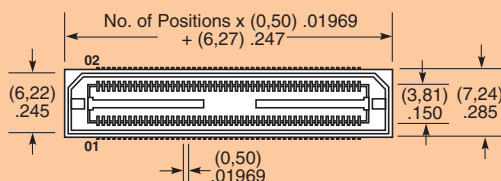
-030, -050, -060,
-090, -120, -150

-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

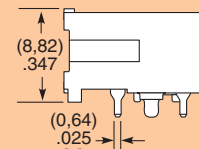
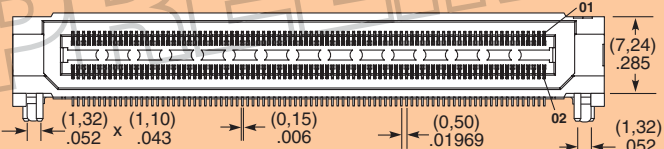
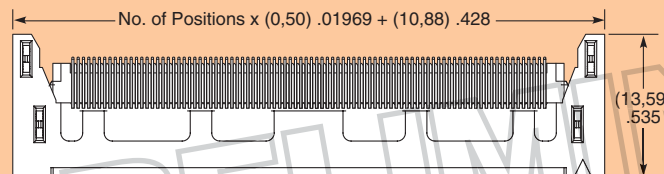
Mates with:
BTH

-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

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-6083 3766
SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9580 0683