

(0,50 mm) .0197"

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" (1,27 µm) Ni

Current Rating:

1.25A per contact

@ 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:

(0,10 mm) .004" max (030-090)

(0,15 mm) .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
OPTIONMates with:
BTH-030, -050, -060,
-090, -120, -150

-F

= Gold Flash on contact, Matte Tin on tail

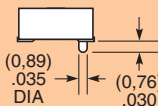
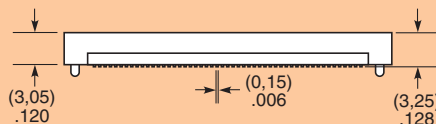
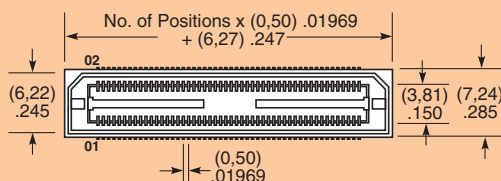
-L

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

-C*

= Electro-Polished Selective
50µ" (1,27 µm) min Au over 150µ" (3,81 µm)
Ni on Signal Pins in contact area,
10µ" (0,25 µm) min Au over 50µ" (1,27 µm)
Ni on Ground Plane in contact area,
Matte Tin over 50µ" (1,27 µm) 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
OPTIONMates with:
BTH

-030, -060, -090

-F

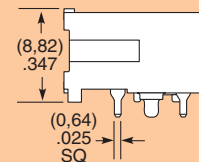
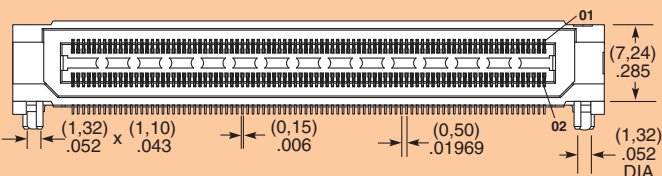
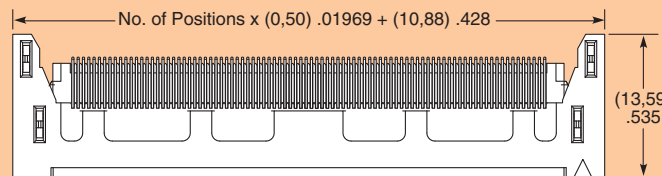
= Gold Flash on contact, Matte Tin on tail

-L

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

-GP

= Guide Post



APPLICATION SPECIFIC

- 30µ" (0,76 µm) Gold
- Edge Mount Capability
- 8 mm, 11 mm, 16 mm, 19 mm and 22 mm Stack Height (Caution: Some automatic placement/inspection machines may have component height restrictions. Please consult machinery specifications.) (11 mm, 16 mm, 19 mm and 22 mm 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.

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