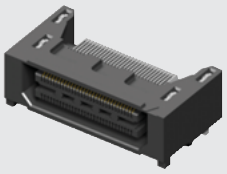
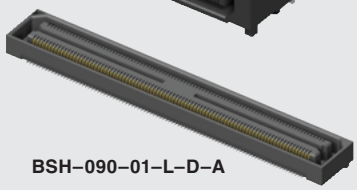
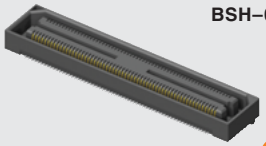
samtec

E.L.P.™
EXTENDED LIFE PRODUCT
10 year Mixed Flowing Gas with 50µ" Gold
Call Samtec for maximum mated cycles







(0,50 mm) .0197"

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" (1,27 µm) Ni
Current Rating: 2 A per pin (1 pin powered per row)
Flammability Rating: UL 94 VO
Operating Temp Range: -55°C to +125°C
Voltage Rating: 275 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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

MATED HEIGHT

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

*Processing conditions will affect mated height.

ALSO AVAILABLE (MOQ Required)

- 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)

Contact Samtec.

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

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

Mates with:
BTH

–030, –050, –060, –090, –120, –150

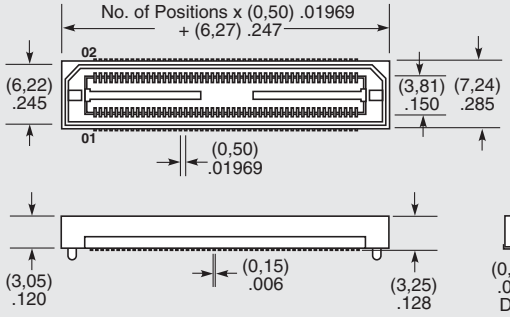
–F
= Gold Flash on contact, Matte Tin on tail

–L
= 10µ" (0,25 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, Matte Tin over 50µ" (1,27 µm) min Ni on all solder tails

***Note:** –C Plating passes 10 year MFG testing

–TR
= Tape & Reel (120 positions maximum)



AGILENT LOGIC ANALYZER TEST POINT CONNECTOR
Specify: ASP-65067-01

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

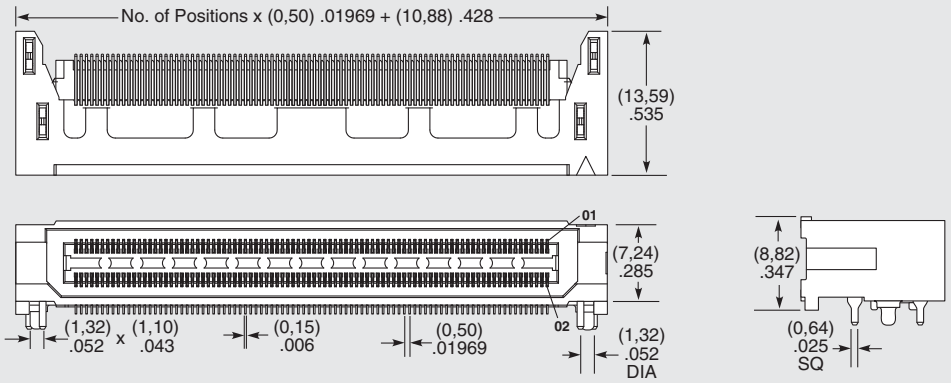
Mates with:
BTH

–030, –060, –090

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

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

–GP
= Guide Post



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