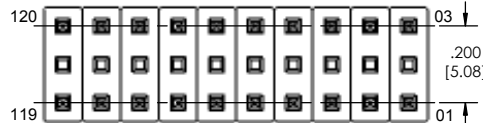
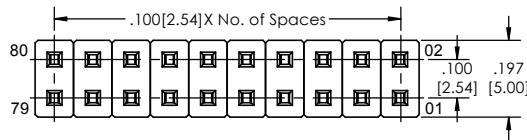
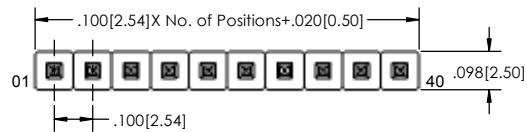
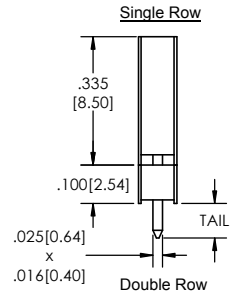
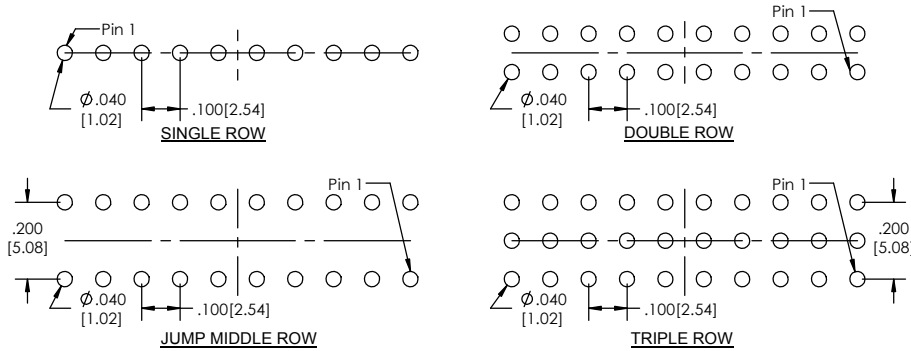
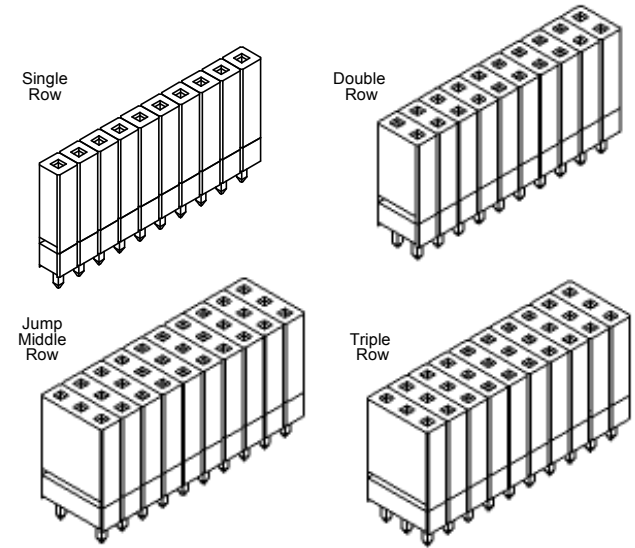
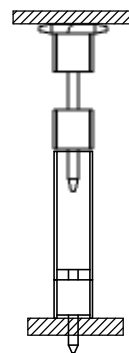


Recommended P.C. Board Layout SCALE 4:1



APPLICATION



BSSH-1 **XX** - **X** - **XX** - **XX** - **XX** - **XXX** - **LF**
(A) (B) (C) (D) (E) (F) (G)

- A. Pins Per Row**
- 1 through 40
- B. Row Specification**
- S= Single Row
- D= Double Row
- J= Jump Middle Row
- T= Triple Row
- C. Pin Options**
- See Pin Options Below
- D. Plating Options**
- See Plating Options Below
- E. Lock Tight "LT" (Optional)**
- Leave Blank if not needed
- LT= With
- F. Polarized Position**
- Leave Blank if not needed
- If Required, Specify Empty Pin Position
- e.g. 012 for Pin 12
- G. Lead Free**

Specifications:
Insertion Depth: .145 (3.68mm) to .250 (6.35mm)
Insertion Force- Per Contact- H Plating
6oz. (1.67N) avg with .025 (0.64mm) sq. pin
Withdrawal Force- Per Contact- H Plating:
5oz. (1.39N) avg with .025 (0.64mm) sq. pin
Current Rating: 3.0 Ampere
Insulation Resistance: 1000M Ohms Min.
Dielectric Withstanding: 600V AC
Contact Resistance: 20M Ohms Max.
Operation Temperature: -40°C to +105°C
Max. Process Temperature
Peak: 260°C up to 20 secs.
Process: 230°C up to 60 secs.
Wave: 260°C up to 6 secs.
Manual Solder: 350°C up to 5 secs.

Materials:
Contact Material: Phosphor Bronze
Insulator Material: Nylon 6T
Plating: Au or Sn over 50µ" (1.27) Ni
Tails may be clipped to achieve specific dimensions.

Products cut to specific sizes are uncancellable/ nonreturnable.
Parts are subject to change without notice.

Pin Options			
Tail Length	Body Height		
0.090	2.29mm		02
0.290	7.37mm		04
0.490	12.47mm	0.435	06
0.190	4.83mm		08
0.390	9.91mm	0.535	10
0.090	2.29mm		12
0.290	7.37mm	0.635	14
0.190	4.83mm	0.735	16

Plating options			
G	-10µ Gold on Contact Area/ Flash on Tail		
T	-Matte Tin all Over		
GT	-10µ Gold on Contact Area/ Matte Tin on Tail		
H	-30µ Gold on Contact Area/ Matte Tin on Tail		
F	-Gold Flash over Entire Pin		
FT	-Gold Flash on Contact Area/ Matte Tin on Tail		

Mates With:
BSTC TSHCR
BSTCM TSHCRE
BSTCR TSHCRSM
BSTCRSM TSHR
BSTS TSHRE
LBSTCM TSHS
LTSHCR TSHSCM
LTSHCRE TSHSM
LTSHR ULTSHSM
LTSHRE ULTSHC
LTSHSM ULTSHCR
TSHC



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UNLESS OTHERWISE SPECIFIED:		NAME		DATE	
DIMENSIONS ARE IN INCHES		DRAWN		EOW 01/20/15	
TOLERANCES:		CHECKED		GWE 01/20/15	
ONE DECIMALS ±.100		ENG APPR.			
TWO DECIMALS ±.100		MFG APPR.			
THREE DECIMALS ±.005		ADDRESS:		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com	
FOUR DECIMALS ±.002		MATERIAL		TITLE: BSSH-1 Series	
NEXT ASSY		FINISH		SIZE DWG. NO.	
APPLICATION		DO NOT SCALE DRAWING		REV B	
				SCALE: 4:1	
				SHEET 1 OF 1	

