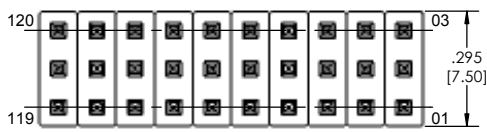
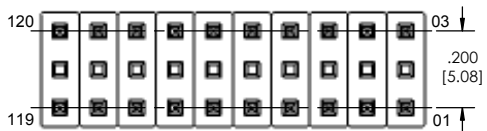
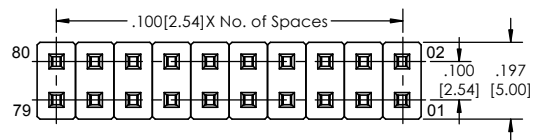
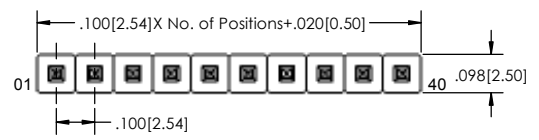
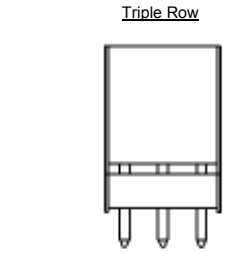
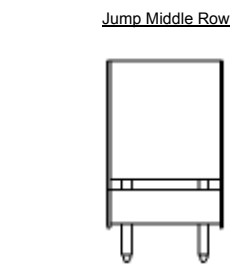
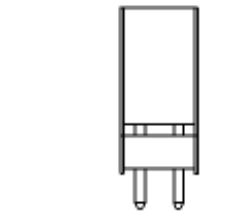
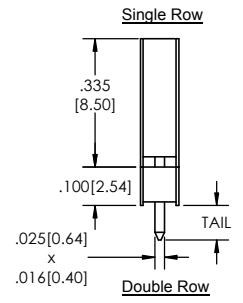
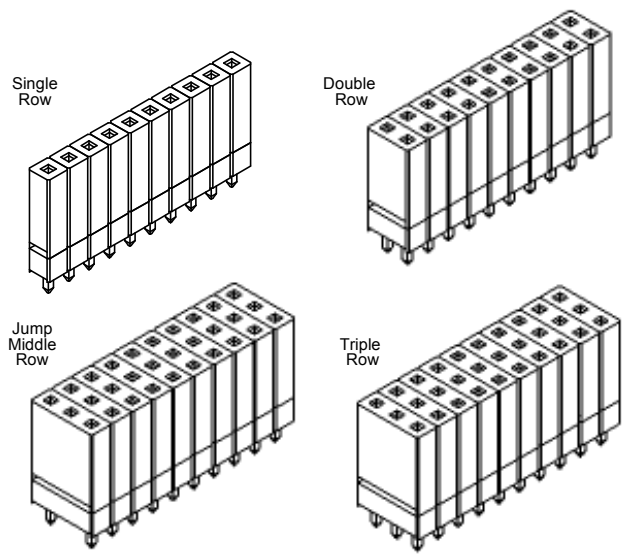
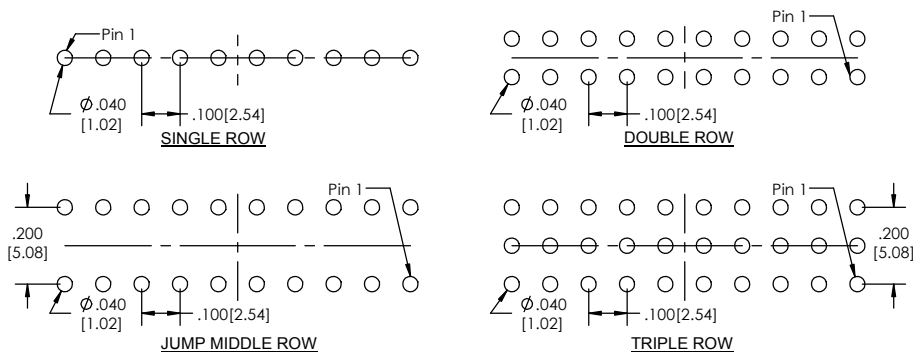
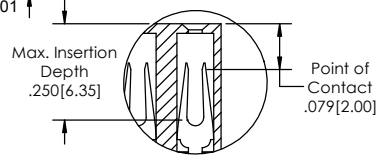
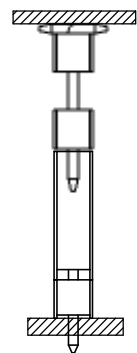


Recommended P.C. Board Layout
SCALE 4:1



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

- Mates With:
- BSTC TSHCR
 - BSTCM TSHCRM
 - BSTCRSM TSHRSM
 - BSTCSM TSHRSM
 - BSTST TSHRSM
 - LBSTCM TSHS
 - LTSHCR TSHSCM
 - LTSHCRE TSHSCM
 - LTSHR ULTSHSM
 - LTSHRE ULTSHC
 - LTSHSM ULTSHCR
 - TSHC

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.

| Pin Options | | |
|-------------|-------------|----|
| Tail Length | Body Height | |
| 0.090 | 2.29mm | 02 |
| 0.290 | 7.37mm | 04 |
| 0.490 | 12.47mm | 06 |
| 0.190 | 4.83mm | 08 |
| 0.390 | 9.91mm | 10 |
| 0.090 | 2.29mm | 12 |
| 0.290 | 7.37mm | 14 |
| 0.190 | 4.83mm | 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 |

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



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| | | | |
|-----------------------------|----------------------|--|--------------|
| UNLESS OTHERWISE SPECIFIED: | | NAME | DATE |
| DIMENSIONS ARE IN INCHES | | EOW | 01/20/15 |
| TOLERANCES: | | CHECKED | GWG |
| ONE DECIMALS ±.100 | | ENG APPR. | |
| TWO DECIMAL ±.010 | | MFG APPR. | |
| THREE DECIMAL ±.005 | | ADDRESS: | |
| FOUR DECIMAL ±.002 | | 2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com | |
| NEXT ASSY | USED ON | TITLE: BSSH-1 Series | |
| APPLICATION | DO NOT SCALE DRAWING | SIZE | DWG. NO. |
| | | C | B |
| | | SCALE: 4:1 | SHEET 1 OF 1 |

