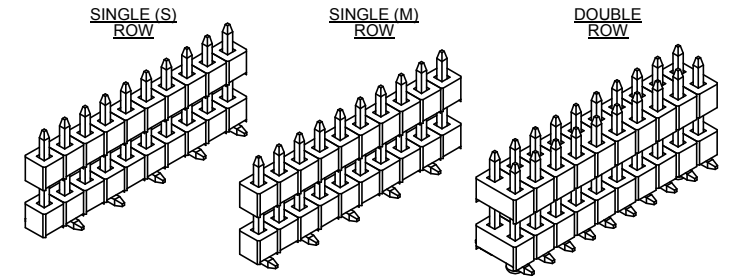
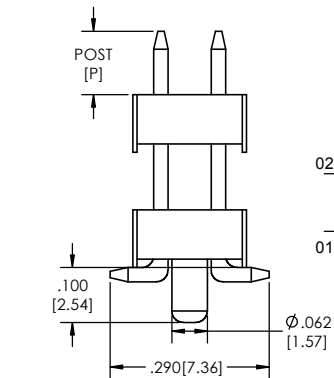
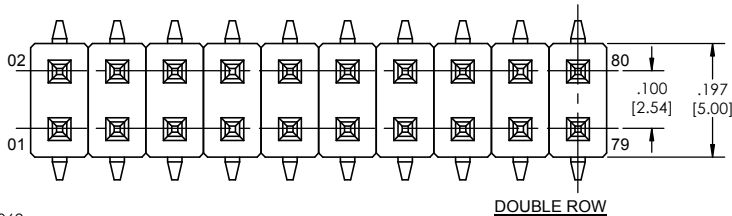
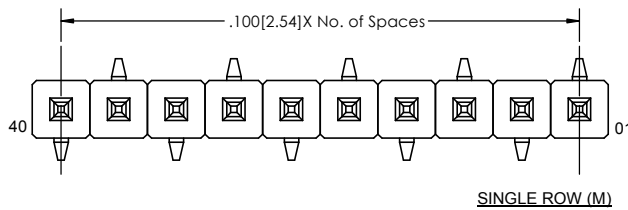
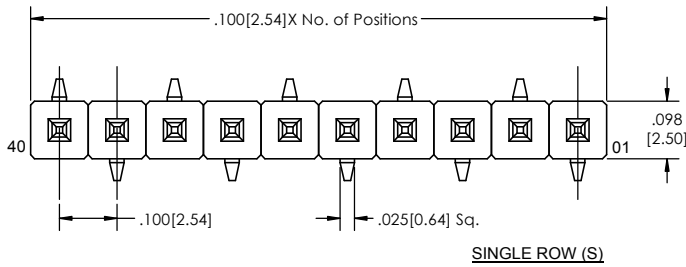
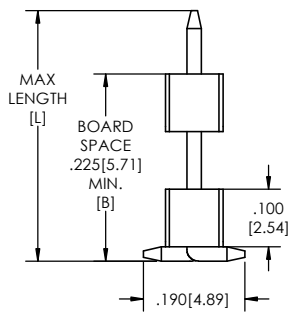
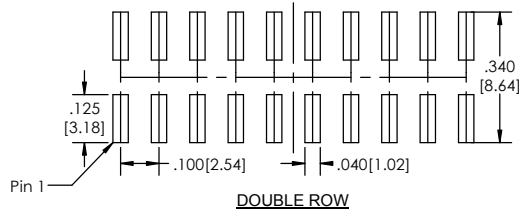
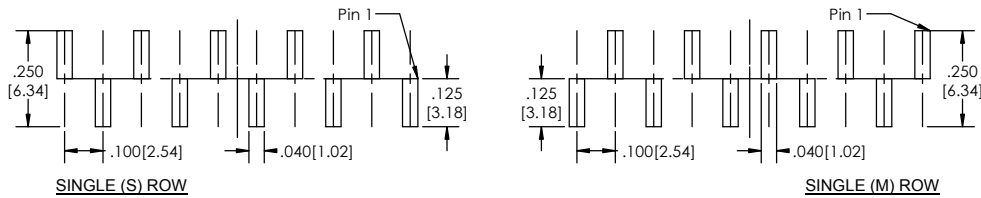


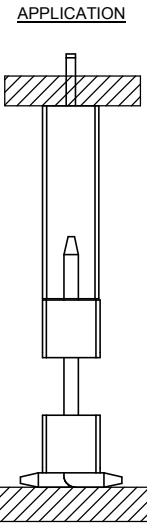
**Recommended P.C. Board Layout**  
SCALE 4:1



BSTCM-1 **XX - X - XXX - XX - XX - XXX - XXX - X - XX - X - XX - LF**  
**(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L)**

- A. Pins Per Row**  
- 1 through 40
- B. Row Specification**  
- S= Single  
- D= Double
- C. Desired Post Height**  
- Please specify  
- E.g. .200 [5.08]=200  
- If left blank: Post = Overall Length - Board Space
- D. Pin Options**  
- See Pin Options below
- E. Plating Options**  
- See Plating Options below
- F. Desired Board Space**  
- Please Specify required space  
- E.g. .100 [2.54]=100  
- .225 [5.71] min.
- G. Polarized Position**  
- Leave blank if not needed  
- If required, specify empty pin position, e.g. 012 for Pin 12
- H. Footprint Option**  
- S= Pin 1 left  
- M= Pin 1 right
- I. Packing Information**  
- TR-P= Tape and Reel  
- TB-P= Tube
- J. Pad**  
- P= Plastic  
- O= No Pad  
- If left blank, packaging at MLE's discretion  
Pad may be metal, mylar or plastic
- K. Alignment Pin Option ( Only for Double Row )**  
- Leave blank if not needed  
- AP= With
- L. Lead Free**

Mates with:  
BCSS.  
BSSH.  
BSSH.C.  
BSSQ.  
BSSQ.C.  
BSSQ.M.  
LBCSS.  
LSMBC.  
LSWSS.  
SMBC.  
SSHQ.  
SSHQ.R.  
SSHR.  
SSHS.  
SSHSM.



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

Pin Options		
Overall Length		
.380	9.65mm	08
.391	9.93mm	10
.415	10.54mm	11
.465	11.81mm	14
.565	14.35mm	16
.665	16.89mm	20
.765	19.43mm	22
.865	21.97mm	24
.965	25.51mm	26
1.065	27.05mm	28
1.165	29.59mm	30
1.265	32.13mm	32
1.365	34.67mm	34
1.465	37.21mm	36

**Specifications:**  
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 uncancelable/ nonreturnable.  
Parts are subject to change without notice.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	01/07/14
TOLERANCES:		CHECKED	GWE 01/07/14
ONE DECIMALS ±.100		ENG APPR.	
TWO DECIMAL ±.010		MFG APPR.	
THREE DECIMAL ±.005		ADDRESS:	
FOUR DECIMAL ±.002		2533 Centennial Blvd. Jeffersville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com	
NEXT ASSY	USED ON	TITLE: <b>BSTCM-1 SERIES</b>	
APPLICATION	DO NOT SCALE DRAWING	SIZE: <b>C</b>	DWG. NO. <b>REV E</b>
		SCALE: 6:1	SHEET 1 OF 1



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