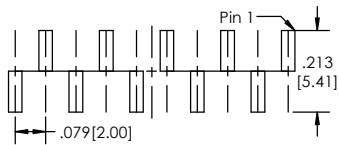
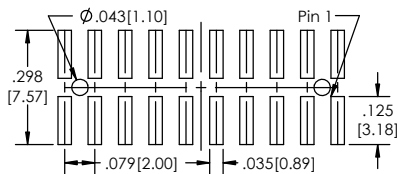


Recommended P.C. Board Layout SCALE 4:1

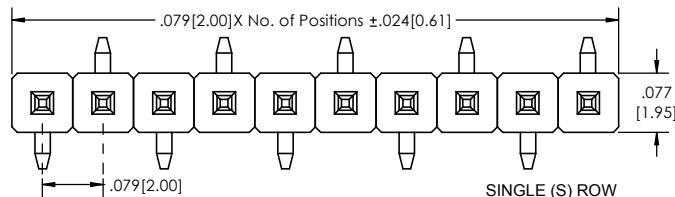
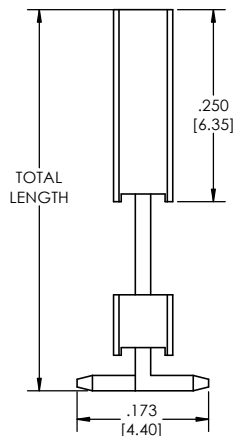
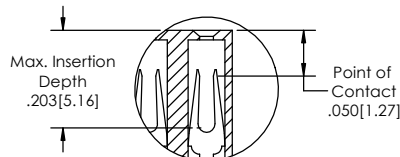


Single (S)

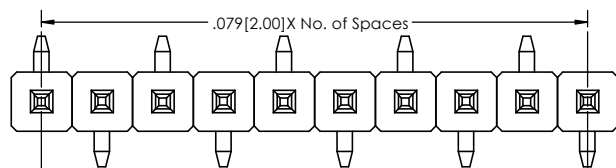


Double

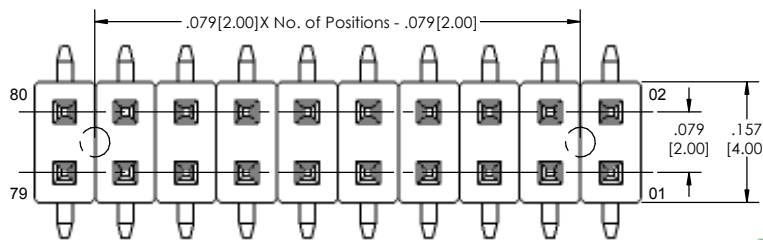
Single (M)



SINGLE (S) ROW

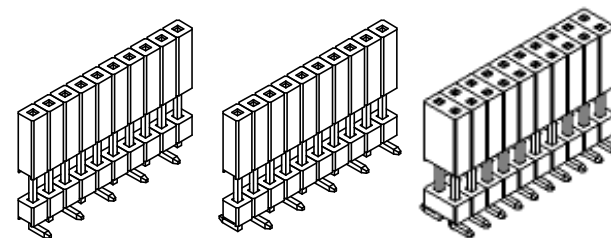
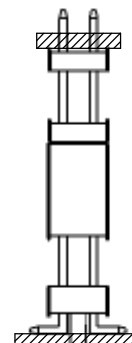


SINGLE (M) ROW



DOUBLE ROW

APPLICATION



BSSQM-2 **XX** - **X** - **XX** - **XX** - **X** - **XXX** - **XX** - **X** - **XX** - **XX** - **LF**
(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K)

- A. Pins Per Row
 - 1 through 40
- B. Row Specification
 - S= Single Row
 - D= Double Row
- C. Pin Options
 - See Pin Options below
- D. Plating Options
 - See Plating Options below
- E. V= Vertical
- F. Polarized Position
 - Leave blank if not needed
 - If required, specify empty pin position
 - e.g. 012 for Pin 12
- G. Footprint
 - S= Pin 1 right
 - M= Pin 1 left
- H. Packing Information
 - TR= Tape and Reel
 - TB= Tube
- I. Pad
 - P= Plastic
 - O= No Pad
 - If left blank, packaging at MLE's discretion
 - Pad may be metal, mylar or plastic
- J. Alignment Pin Option
 - Leave blank if not needed
 - AP= With
- K. Lead Free

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	
Total Length	
.366 [9.30mm]	02
.524 [13.31mm]	04
.682 [17.32mm]	06
.840 [21.32mm]	08

Board Space must not exceed pin option

Specifications:
Insertion Force- Single Contact Only- H Plating:
4oz. [1.11N] avg with .079 [2.00mm] sq. pin
Withdrawal Force- Single Contact Only- H Plating:
3oz. [0.83N] avg with .079 [2.00mm] sq. pin
Current Rating: 2.0 Ampere
Insulation Resistance: 1000M Ohms Min.
Dielectric Withstanding: 500V AC
Contact Resistance: 10M Ohms Max.
Operation Temperature: -40°C to +105°C
Max. Process Temperature:
Peak: 260°C up to 10 secs.
Process: 230°C up to 60 secs.
Wave: 260°C up to 6 secs.
Reflow: 260°C up to 10 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.

Mates With:

BSTC TSHS
BSTCM TSHSCM
BSTCR TTSHC
BSTCRSM TTSHCR
BSTS TTSHCRE
TBSTC TTSHR
TBSTCM TTSHRE
TBSTS TTSHS
TSHC TTSHSM
TSHCR
TSHCRE

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UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	EOW 01/21/15
TOLERANCES:		CHECKED	GWE 01/21/15
ONE DECIMALS ±.100		ENG APPR.	
TWO DECIMAL ±.010		MFG APPR.	
THREE DECIMAL ±.005		ADDRESS:	
FOUR DECIMAL ±.002		2533 Centennial Blvd.	
NEXT ASSY USED ON		Jeffersonville, IN 47130	
APPLICATION		Phone: 812-670-4174	
		Fax: 812-670-4175	
		E-Mail: mle@ml-electronics.com	
DO NOT SCALE DRAWING		TITLE: BSSQM-2 SERIES	
		SIZE DWG. NO.	
		C	
		REV C	
		SCALE 8:1	
		SHEET 1 OF 1	

