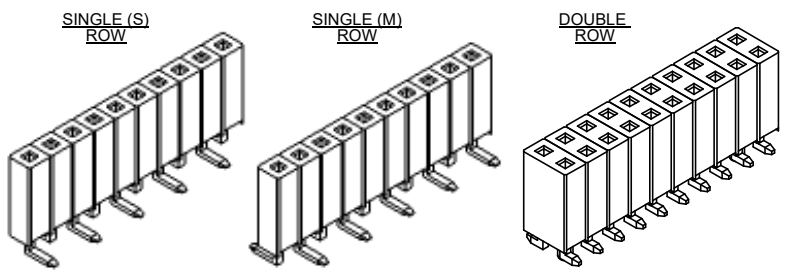
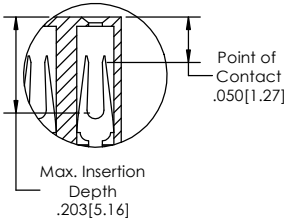
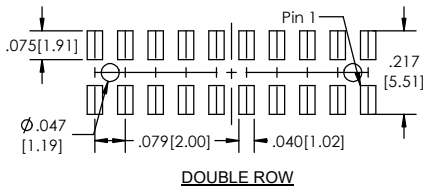
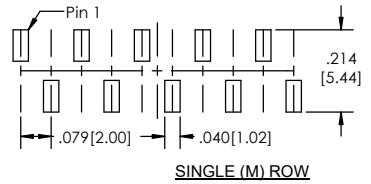
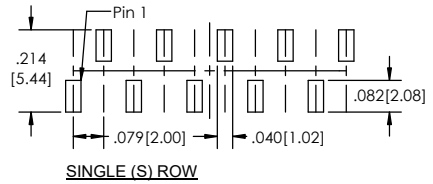


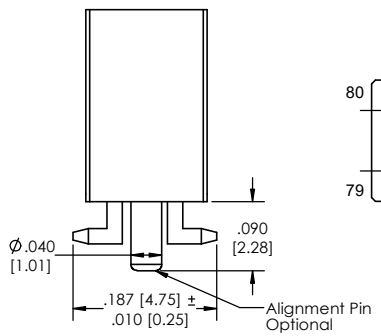
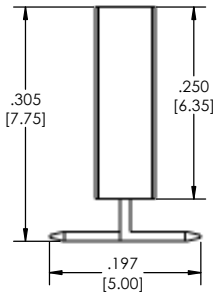
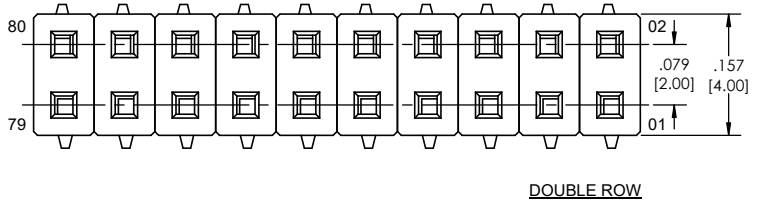
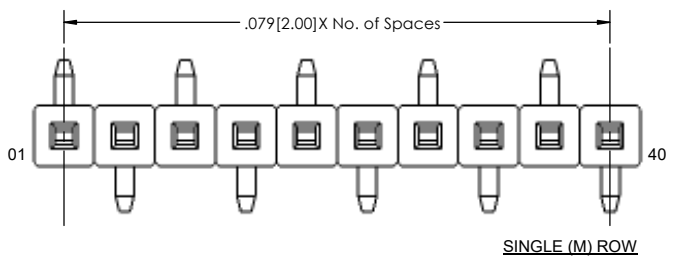
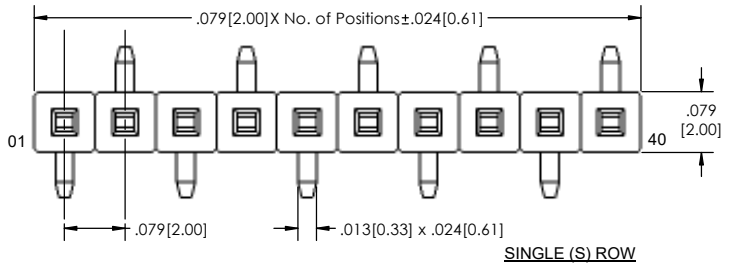
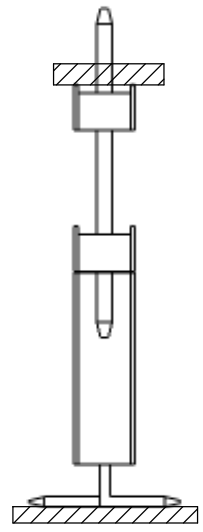
Recommended P.C. Board Layout
SCALE 4:1



SSHSM-2 **XX** - **X** - **02** - **XX** - **V** - **XXX** - **X** - **XX** - **X** - **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. Surface Mount**
- D. Plating Options**
- See Plating Options below
- E. 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
- K= Kapton
- O= No Pad
- If left blank packaging at MLE's discretion
Pad may be metal, mylar or plastic
- J. Alignment pin (only available for the Double Row)**
- If not needed leave blank
- AP= with
- K. Lead Free**
- Mates with:
 BSTC TSHR
 BSTCM TSHRE
 BSTCR TSHS
 BSTCRSM TSHSCM
 BSTS TTSHC
 TBSTC TTSHCR
 TBSTCM TTSHCRE
 TBSTS TTSHR
 TSHC TTSHRE
 TSHCR TTSHS
 TSHCRE TTSHSM
 TSHCRSM

APPLICATION



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

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.

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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 ±.100		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: SSHSM-2-V SERIES		
APPLICATION	DO NOT SCALE DRAWING	SIZE	DWG. NO.	REV
		C		C
		SCALE 8:1		SHEET 1 OF 1

