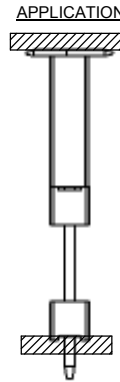
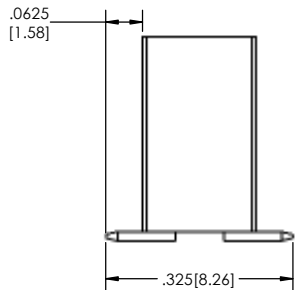
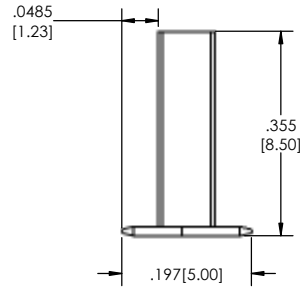
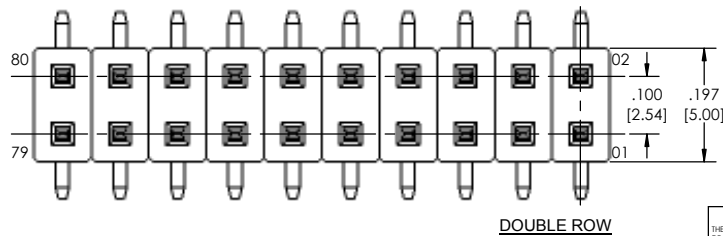
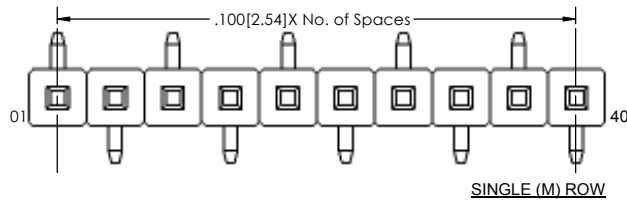
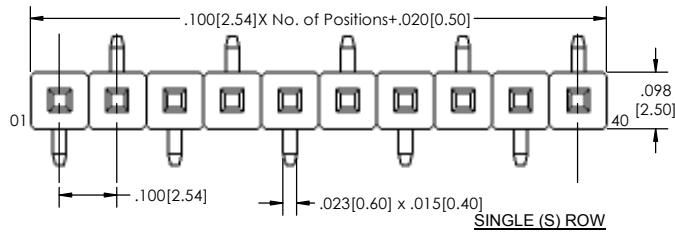
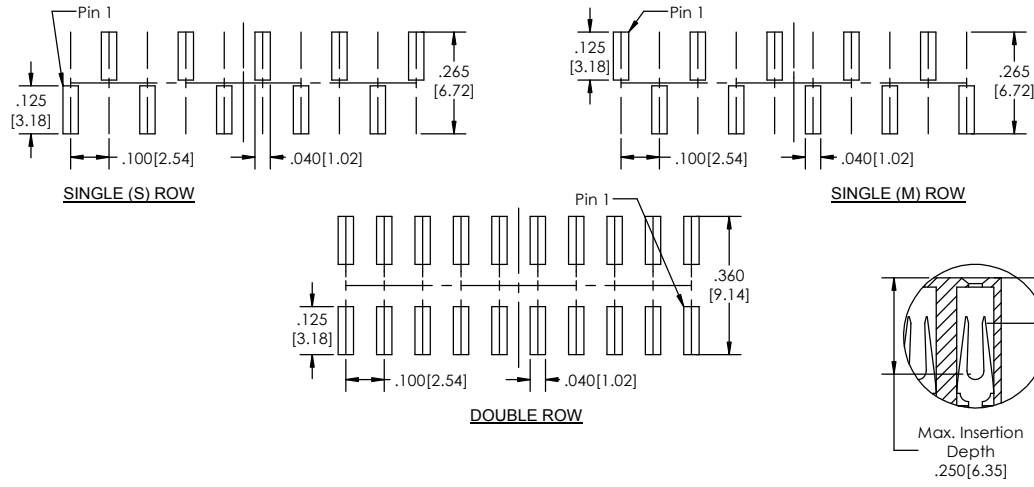
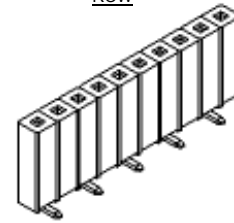


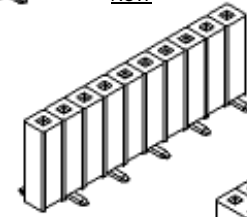
Recommended P.C. Board Layout
SCALE 4:1



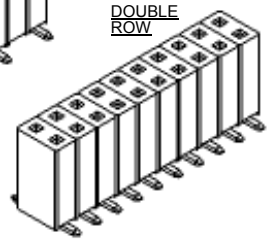
SINGLE (S) ROW



SINGLE (M) ROW



DOUBLE ROW



SSHSM-1 **(A)** **(B)** **(C)** **(D)** **(E)** **(F)** **(G)** **(H)** **(I)** **(J)**

- 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. Lead Free

Specifications:
Insertion Depth: .145 [3.68] to .250 [6.35]
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.
Reflow: 260°C up to 10 secs.
Manual Solder: 350°C up to 5 secs.

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

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



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MFG APPR.					
ADDRESS:		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@ml-electronics.com			
TITLES: SSHSM-1-V SERIES		SIZE		DWG. NO.	
C		C		C	
SCALE 6:1				SHEET 1 OF 1	