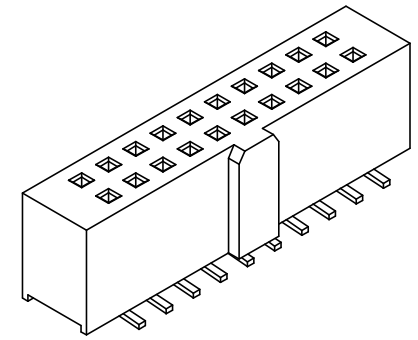
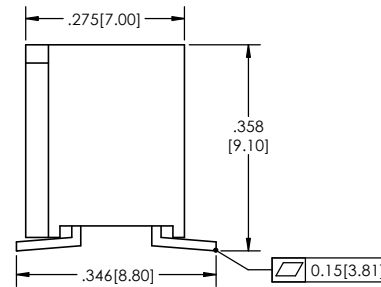
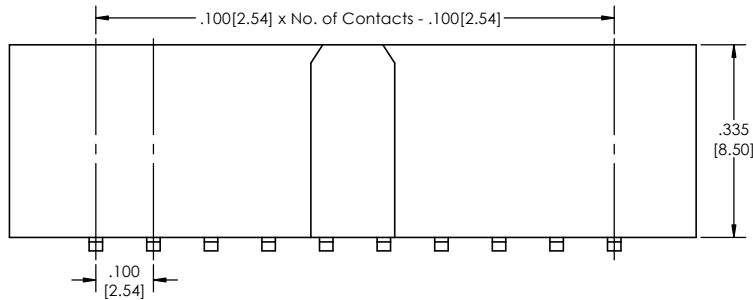
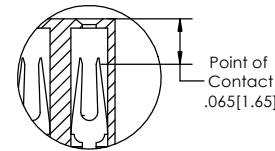
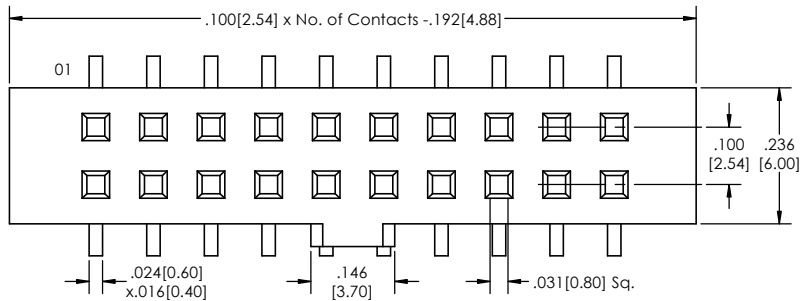
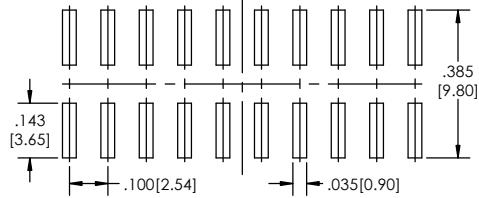


Recommended P.C. Board Layout  
SCALE 4:1



SSHSM-1 [XX] - [D] - [P] - [02] - [XX] - [V] - [XXX] - [XX] - [X] - [LF]  
(A) (B) (C) (D) (E) (F) (G) (H) (I) (J)

- A. Pins Per Row - 1 through 40
- B. Row Specification - D= Double Row
- C. Polarization Key
- D. Surface Mount
- E. Plating Options - See Plating Options below
- F. Vertical
- G. Polarized Position - Leave blank if not needed - If required, specify empty pin position - e.g. 012 for Pin 12
- 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

Mates With:  
SHSTL-1 SHBSTC-1  
SHBSTCM-1 SHTSHC-1  
SHTSHR-1 SHTSHSM-1

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 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.

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
DRAWN	EOW		04/18/16
CHECKED	GWE		04/18/16
ENG APPR.			
MFG APPR.			
ADDRESS:		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com	

		TITLE: SSHSM-1-P Series	
		SIZE DWG. NO.	REV
C		A	
SCALE: 6:1		SHEET 1 OF 1	

DO NOT SCALE DRAWING