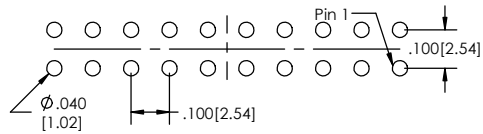
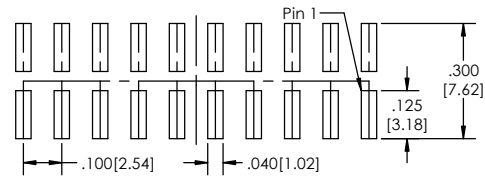


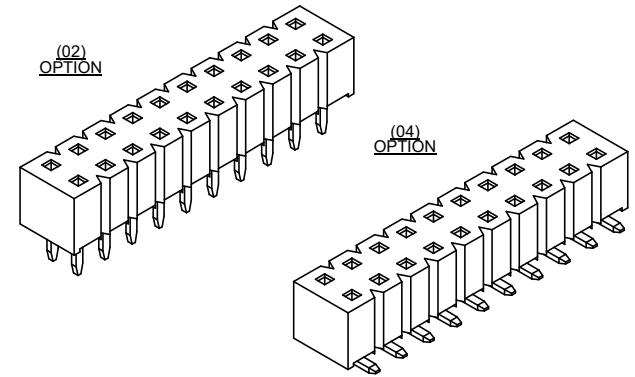
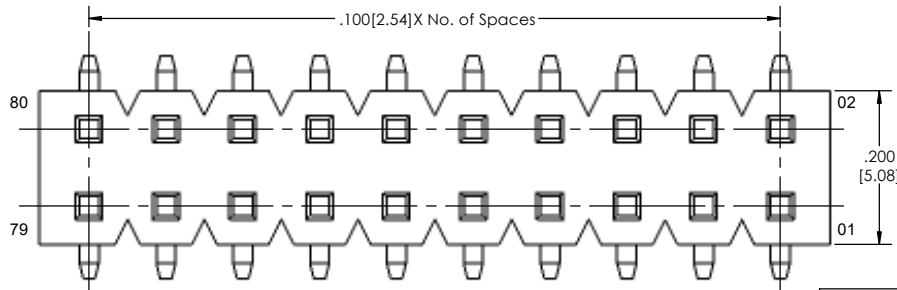
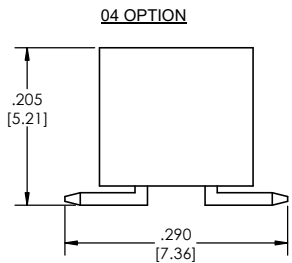
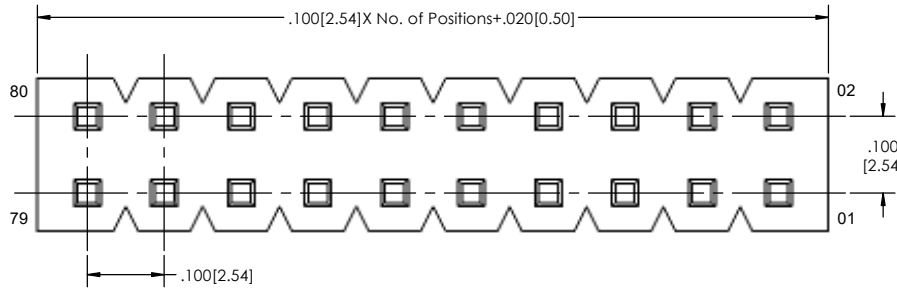
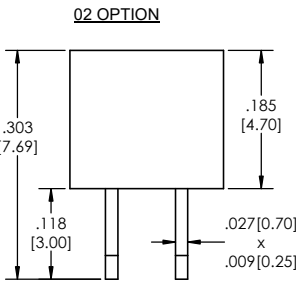
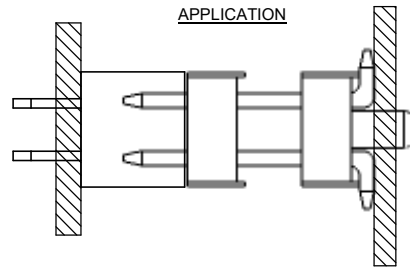
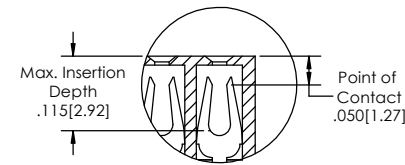
**Recommended P.C. Board Layout**  
SCALE 4:1



02 Option



Surface Mount



LSWSS-1 **XX** - **D** - **XX** - **XX** - **XX** - **XXX** - **X** - **LF**  
(A) (B) (C) (D) (E) (F) (G) (H)

- A. Pins Per Row - 1 through 50  
B. Row Specification - D= Double Row  
C. Pin Option - See Pin Options below  
D. Plating Options - See Plating Options below  
E. Lock Tight "LT" (Optional) - Leave blank if not needed - LT= With  
F. Polarized Position - Leave blank if not needed - If required, specify empty pin position - e.g. .012 for Pin 12  
G. Every Other Pin Filled - Leave blank if not needed - F= Filled  
H. Lead Free
- Mates with:  
BSTC TSHCR  
BSTCM TSHCRE  
BSTCR TSHCRSM  
BSTCRSM TSHR  
BSTS TSHRE  
LBSTCM TSHS  
LTSHCR TSHSCM  
LTSHCRE TSHSM  
LTSHR UTLSHSM  
LTSHRE ULTSHC  
LTSHSM ULTSHCR  
TSHC

Plating options		Pin Style	
G	-10 $\mu$ Gold on Contact Area/ Flash on Tail	Thru Hole	02
T	-Matte Tin all Over	Surface Mount	04
GT	-10 $\mu$ Gold on Contact Area/ Matte Tin on Tail		
H	-30 $\mu$ 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:  $.085$  [2.16mm] to  $.115$  [2.92mm]  
Insertion Force- Per Contact:  
12oz. avg [3.34N] with  $.025$  [0.64mm] sq. pin  
Withdrawal Force- Per Contact:  
6oz. avg [1.67N] with  $.025$  [0.64mm] sq. pin  
Current Rating: 3.0 Ampere  
Insulation Resistance: 1000M Ohms Min.  
Dielectric Withstanding: 600V AC  
Contact Resistance: 10M Ohms Max. for 02 Style.  
20M Ohms Max. for 04 Style  
Operation Temperature:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$   
Max. Process Temperature  
Peak:  $260^{\circ}\text{C}$  up to 20 secs.  
Process:  $230^{\circ}\text{C}$  up to 60 secs.  
Wave:  $260^{\circ}\text{C}$  up to 6 secs.  
Manual Solder:  $350^{\circ}\text{C}$  up to 5 secs.

Materials:  
Contact Material: Phosphor Bronze  
Insulator Material: Nylon 6T  
Plating: Au or Sn over  $50\mu\text{I}$  (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.



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UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		EW	08/31/16
TOLERANCES:		GWE	08/31/16
ONE DECIMALS $\pm .100$			
TWO DECIMAL $\pm .100$			
THREE DECIMAL $\pm .005$			
FOUR DECIMAL $\pm .002$			
NEXT ASSY	USED ON	FINISH	
APPLICATION	DO NOT SCALE DRAWING	ADDRESS:	
		2533 Centennial Blvd.	TITLE: LSWSS-1-D SERIES
		Jeffersonville, IN 47130	SIZE DWG. NO.
		Phone: 812-670-4174	C
		Fax: 812-670-4175	D
		E-Mail: mle@mlelectronics.com	SCALE 8:1
			SHEET 1 OF 1

