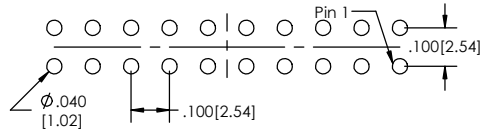
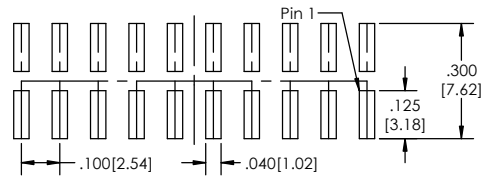


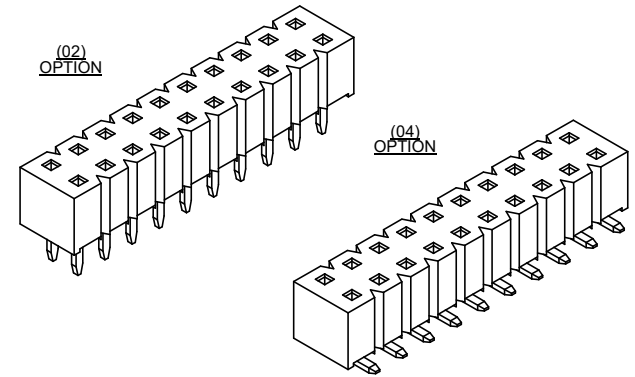
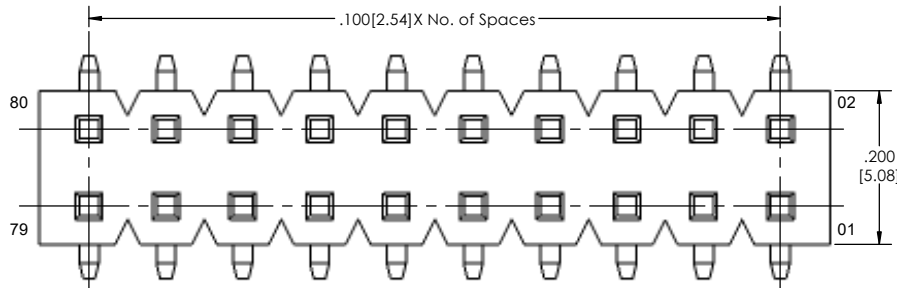
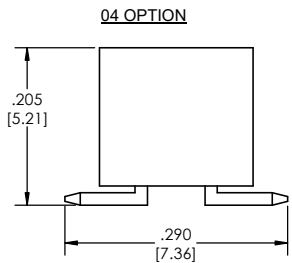
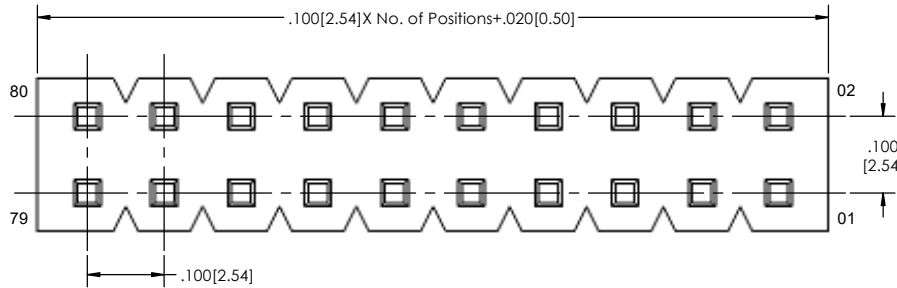
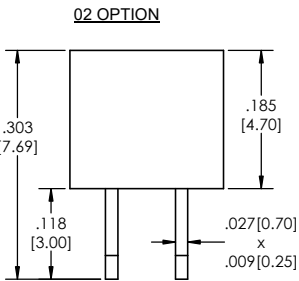
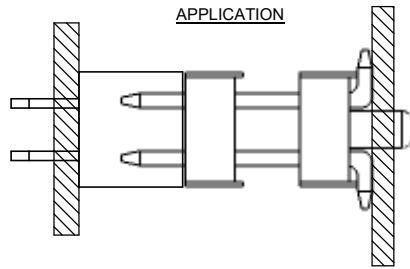
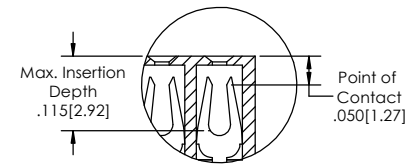
**Recommended P.C. Board Layout**  
SCALE 4:1



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  
- E= 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	-10µ Gold on Contact Area/ Flash on Tail	Thru Hole	02
T	-Matte Tin all Over	Surface Mount	04
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: .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°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.  
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 uncancelable/nonreturnable.  
Parts are subject to change without notice.



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UNLESS OTHERWISE SPECIFIED:		NAME		DATE	
DIMENSIONS ARE IN INCHES		DRAWN	EOW	08/31/16	
TOLERANCES:		CHECKED	GWE	08/31/16	
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	MATERIAL		TITLE: LSWSS-1-D SERIES	
		FINISH		SIZE DWG. NO.	REV D
APPLICATION	DO NOT SCALE DRAWING			SCALE 8:1	SHEET 1 OF 1

