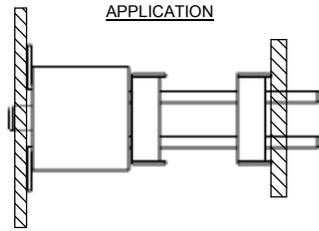
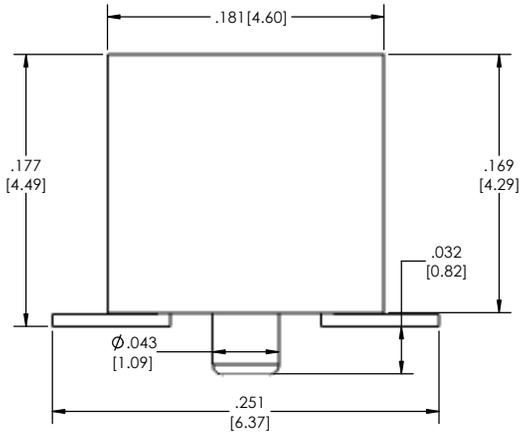
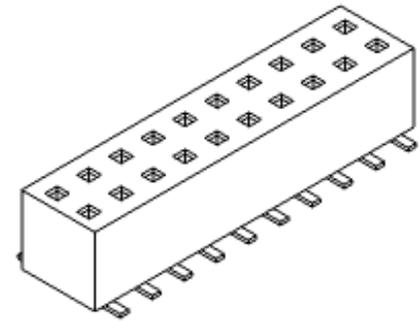
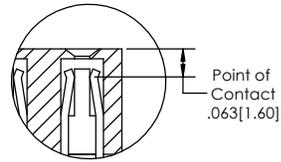
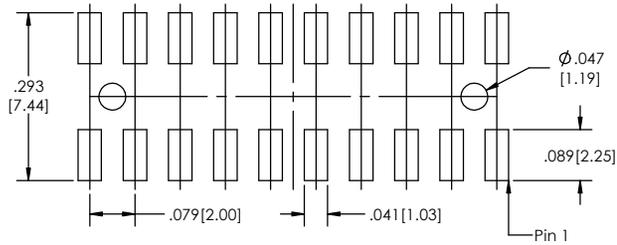


**Recommended P.C. Board Layout**  
SCALE 6:1



LSSHSM-2 **XX** - **D** - **02** - **XX** - **V** - **XXX** - **TR** - **P** - **XX** - **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. Pin Option
- 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. Packing Information  
- TR= Tape and Reel  
- TB= Tube
- H. Pad  
- P= Plastic  
- K= Kapton  
- O= No Pad
- I. Alignment Pin Option  
- Leave blank if not needed  
- AP= with
- J. Lead Free

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

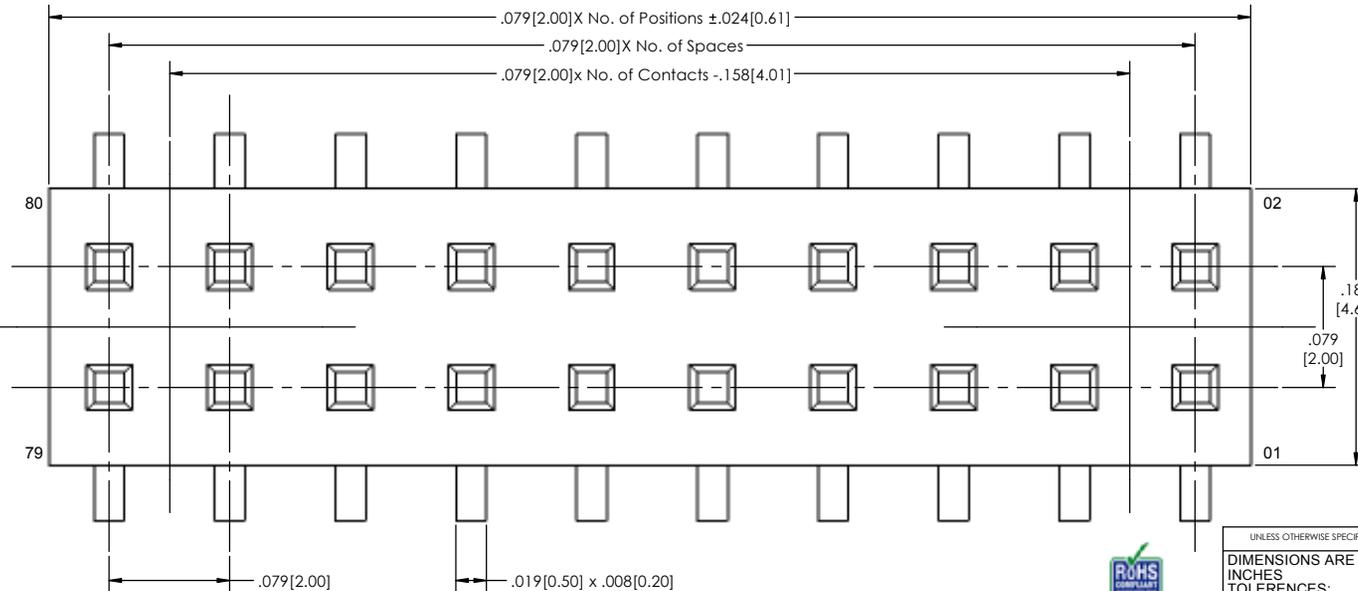
Specifications:  
 Insertion Force- Single Contact only- H Plating: 4oz. [1.1N] avg with .079[2.00mm] sq. pin  
 Withdrawal Force- Single Contact only- H Plating: 3oz. [0.83N] avg with .079[2.00mm] sq. pin  
 Current Rating: 2.0 Amperes  
 Insulation Resistance: 1000M Ohms Min.  
 Dielectric Withstanding: 500V 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 TSHSCM  
 BSTCM TTSHC  
 BSTCR TTSHCR  
 BSTCRSM TTSHCRE  
 BSTS TTSHR  
 TBSTC TTSHRE  
 TBSTCM TTSHS  
 TBSTS TTSHSM  
 TSHC  
 TSHCR  
 TSHCRE  
 TSHCRSM  
 TSHR  
 TSHRE  
 TSHS

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	01/20/15
TOLERANCES:		CHECKED	GWE	01/20/15
ONE DECIMALS ±.100		ENG APPR.		
TWO DECIMAL ±.010		MFG APPR.		
THREE DECIMAL ±.005		ADDRESS:		
FOUR DECIMAL ±.002		2533 Centennial Blvd.		
MATERIAL		Jeffersonville, IN 47130		
NEXT ASSY		Phone: 812-670-4174		
USED ON		Fax: 812-670-4175		
APPLICATION		E-Mail: mle@melectronics.com		
DO NOT SCALE DRAWING		TITLE: LSSHSM-2 SERIES		
		SIZE DWG. NO. <b>C</b>		
		REV <b>C</b>		
		SCALE 16:1		
		SHEET 1 OF 1		

