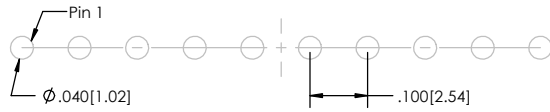
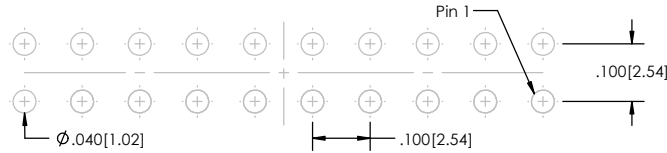


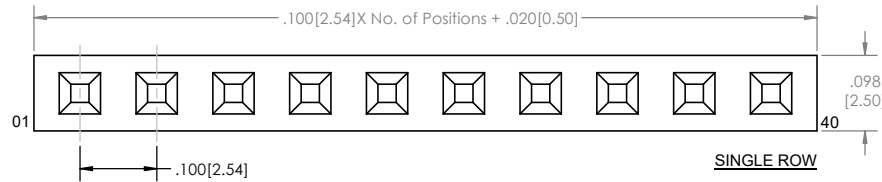
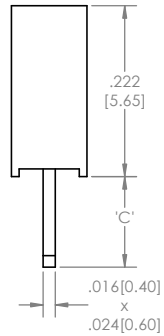
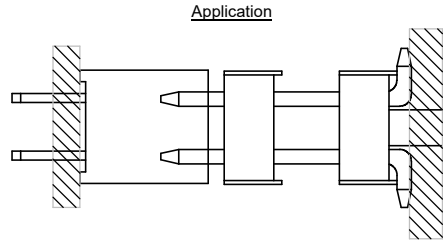
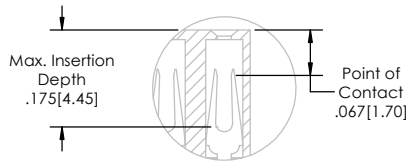
Recommended P.C. Board Layout
SCALE 6:1



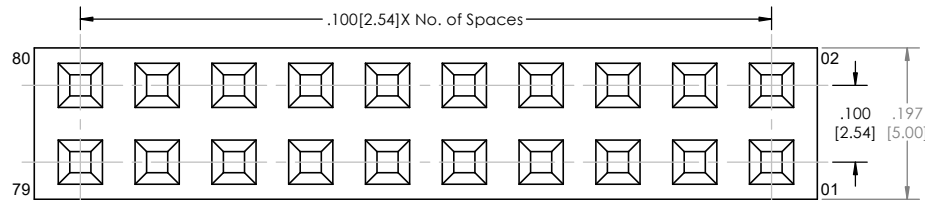
Single Row



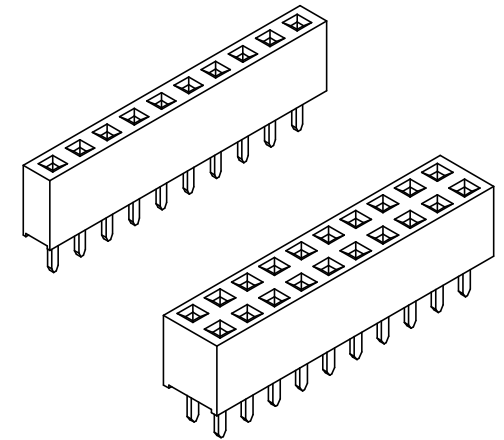
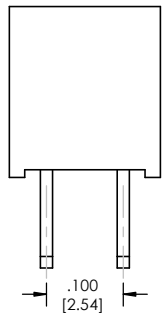
Double Row



SINGLE ROW



DOUBLE ROW



LSSH-1 (A) (B) (C) (D) (E) (F) (H)

- A. Pins Per Row
- 2 through 40
- B. Row Specification
- S= Single Row
- D= Double Row
- C. Pin Options
- 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. 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	

Pin Style	
.120[3.05] - Tail/Foot	02

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: .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 option,
20M Ohms Max. for Surface Mount Option
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 (only for Surface Mount): 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			
DIMENSIONS ARE IN INCHES TOLERANCES: ONE DECIMALS ±.100 TWO DECIMAL ±.010 THREE DECIMAL ±.005 FOUR DECIMAL ±.002				DRAWN	EOW			01/19/15
				CHECKED	GWE			01/19/15
				ENG APPR.				
				MFG APPR.				
		INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL		ADDRESS: 2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com		TITLE: LSSHS-1 SERIES		
NEXT ASSY		USED ON		SIZE DWG. NO.		REV		
APPLICATION		DO NOT SCALE DRAWING				C		
				SCALE 8:1		SHEET 1 OF 1		

