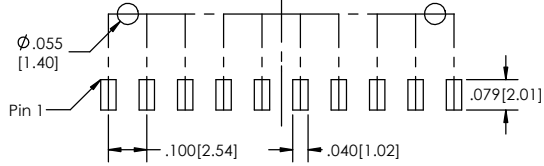
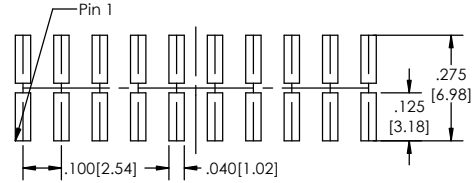


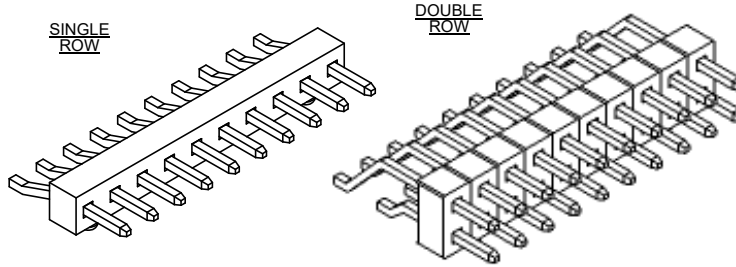
Recommended P.C. Board Layout
SCALE 4:1



SINGLE ROW

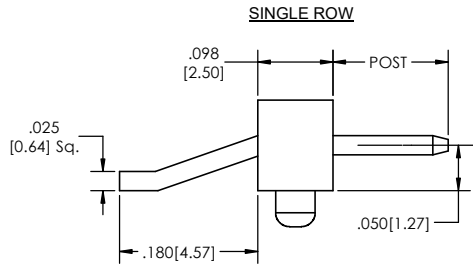


DOUBLE ROW

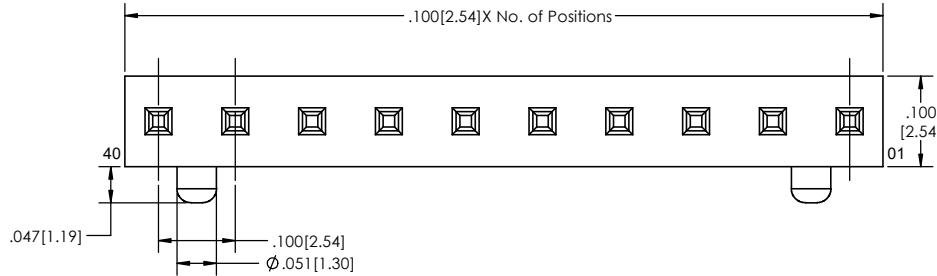


SINGLE ROW

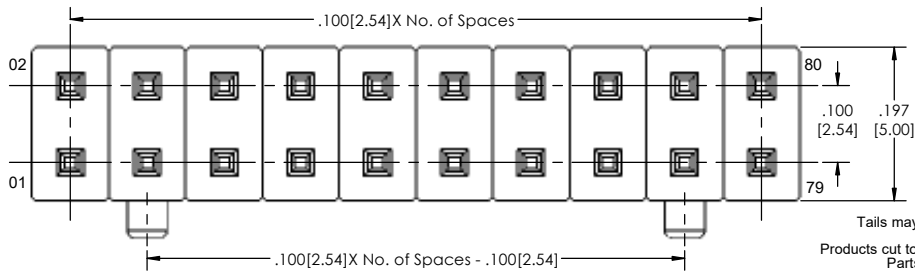
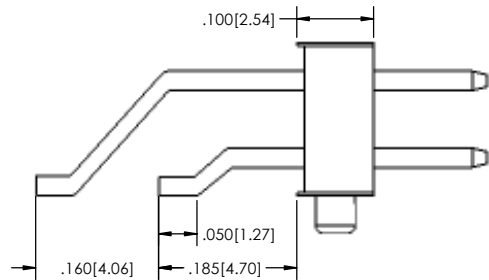
DOUBLE ROW



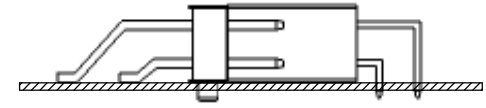
SINGLE ROW



DOUBLE ROW



APPLICATION



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

- A. Pins Per Row
- 1 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. H= Horizontal
- F. Polarized Position
- Leave blank if not needed
- If required, specify empty pin position
- e.g. 012 for Pin 12
- G. AP= Alignment pin (Option only for SH)
- 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

Pin Options		Mates with:
Post Height		
.120 [3.05mm]	01	BSSH, SSHQR.
.230 [5.84mm]	02	BSSHC, SSHR.
.330 [8.38mm]	04	BSSQ, SSHS.
.430 [10.92mm]	06	BSSQC, SSHSM.
.530 [13.46mm]	08	BSSQM.
.630 [16.00mm]	10	LBCSS, LSMBC.
.730 [18.54mm]	12	LSWSS, SMBC.

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:
 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 uncancelable/ nonreturnable.
 Parts are subject to change without notice.



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UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES	TOLERANCES:
ONE DECIMALS ±.100	TWO DECIMAL ±.100
THREE DECIMAL ±.005	FOUR DECIMAL ±.002
NEXT ASSY	USED ON
APPLICATION	DO NOT SCALE DRAWING
INTERPRET GEOMETRIC TOLERANCING PER:	MATERIAL
FINISH	

NAME	DATE
EOW	02/23/15
GWE	02/23/15
MFG APPR.	
ADDRESS:	
2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com	

MAJOR LEAGUE Electronics

TITLE: LTSHSM-H SERIES

SIZE	DWG. NO.	REV
C		C

SCALE: 8:1 SHEET 1 OF 1