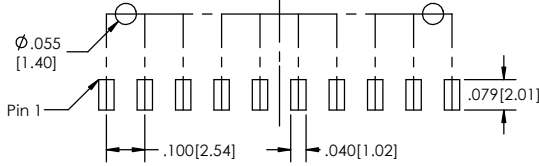
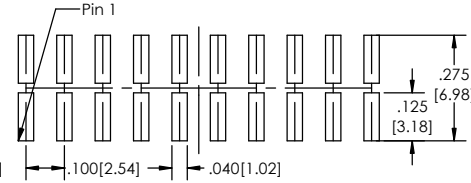


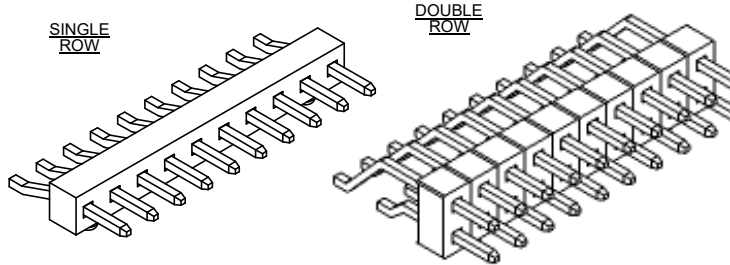
Recommended P.C. Board Layout
SCALE 4:1



SINGLE ROW



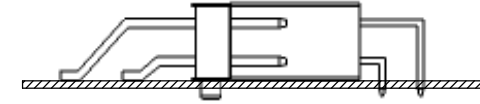
DOUBLE ROW



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 | |
|----------------|----|
| Post Height | |
| .120 [3.05mm] | 01 |
| .230 [5.84mm] | 02 |
| .330 [8.38mm] | 04 |
| .430 [10.92mm] | 06 |
| .530 [13.46mm] | 08 |
| .630 [16.00mm] | 10 |
| .730 [18.54mm] | 12 |

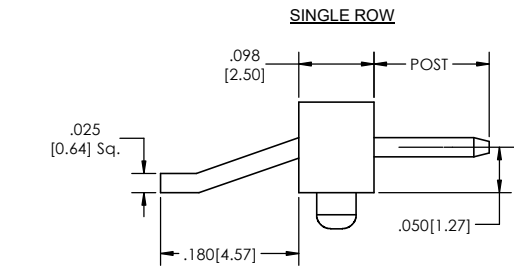
Mates with:
 BCSS, SSHQ.
 BSSH, SSHQR.
 BSSHC, SSHR.
 BSSQ, SSHS.
 BSSQC, SSHSM.
 BSSQM.
 LBCSS.
 LSMBC.
 LSWSS.
 SMBC.

| 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 |

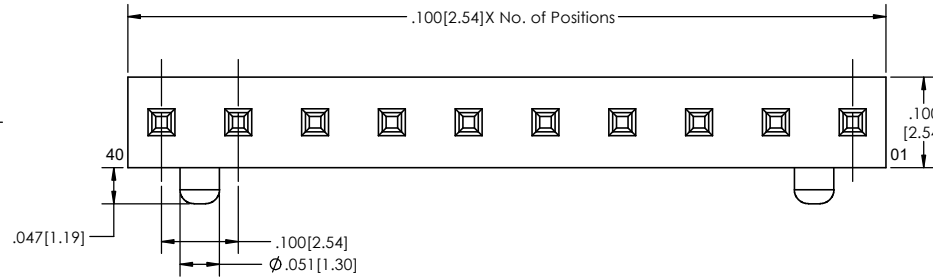
Specifications:
 Current Rating: 3.0 Ampere
 Insulation Resistance: 1000M Ohms Min.
 Dielectric Withstanding: 600V AC
 Contact Resistance: 20M Ohms Max.
 Operation Temperature: -40°C to +105°C
 Max. Process Temperature
 Peak: 260°C up to 20 secs.
 Process: 230°C up to 60 secs.
 Wave: 260°C up to 6 secs.
 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.

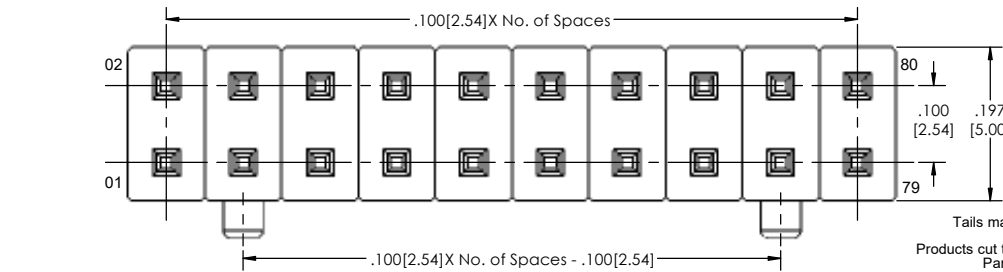
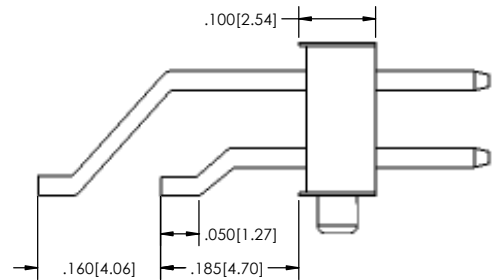
Products cut to specific sizes are uncancelable/ nonreturnable.
 Parts are subject to change without notice.



SINGLE ROW



DOUBLE ROW



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|-----------------------------|--|-------------------------------|--|--------------------------|--|
| UNLESS OTHERWISE SPECIFIED: | | NAME | | DATE | |
| DIMENSIONS ARE IN INCHES | | DRAWN | | EOW | |
| TOLERANCES ARE: | | CHECKED | | GWE | |
| ONE DECIMALS ±.100 | | ENG APPR. | | | |
| TWO DECIMAL ±.100 | | MFG APPR. | | | |
| THREE DECIMAL ±.005 | | ADDRESS: | | 2533 Centennial Blvd. | |
| FOUR DECIMAL ±.002 | | MATERIAL: | | Jeffersonville, In 47130 | |
| NEXT ASSY | | FINISH: | | Phone: 812-670-4174 | |
| USED ON: | | DO NOT SCALE DRAWING | | Fax: 812-670-4175 | |
| APPLICATION | | E-Mail: mle@mlelectronics.com | | TITLE: LTSHSM-H SERIES | |
| | | | | SIZE DWG. NO. | |
| | | | | C | |
| | | | | REV C | |
| | | | | SCALE 8:1 | |
| | | | | SHEET 1 OF 1 | |

