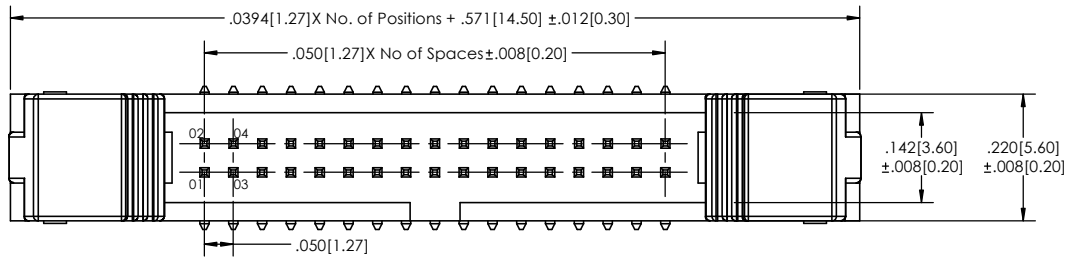
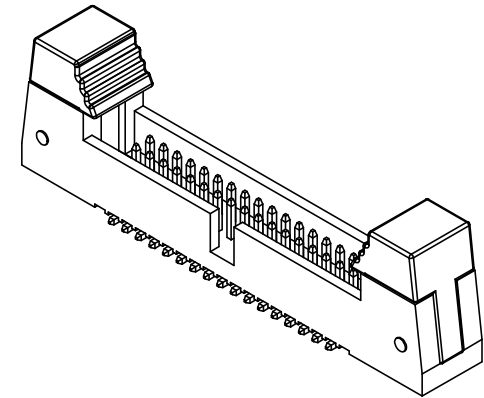
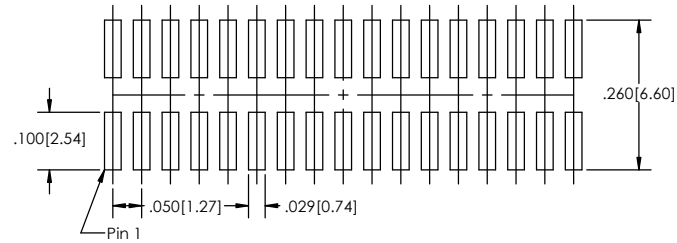


# Recommended P.C. Board Layout

SCALE 6:1



SHTLSM-5 **XX** - **D** - **02** - **XX** - **V** - **LL** - **XXX** - **TB** - **LF**  
**(A) (B) (C) (D) (E) (F) (G) (H) (I)**

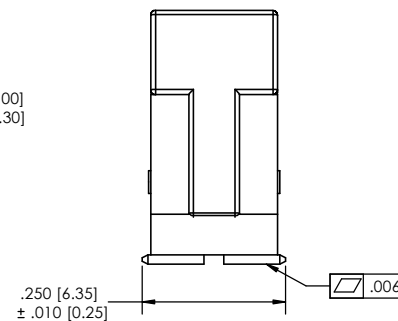
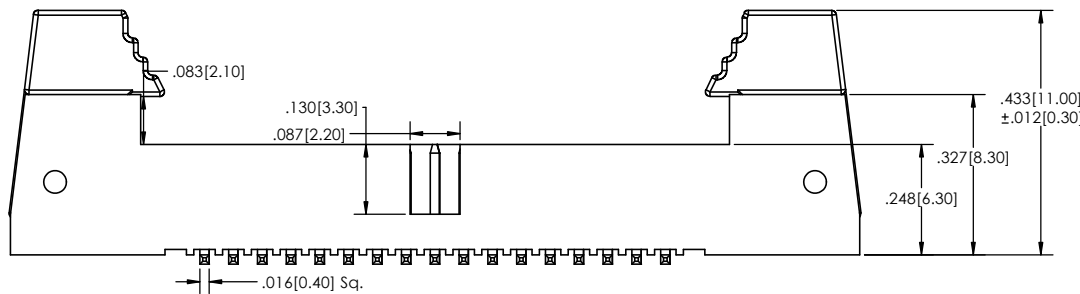
- A. Pins Per Row  
- 5 through 30
- B. Row Specification  
- D= Double Row
- C. Style  
- 02= Surface Mount
- D. Plating Options  
- See Plating Options below
- E. Vertical SMT
- F. Ejector Latch  
- LL= Long
- G. Polarized Position  
- Leave blank if not needed  
- If required, specify empty pin position  
- 001-060
- H. Packaging Option  
- TB= Tube
- I. 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:  
 Current Rating: 1.0 Ampere  
 Insulation Resistance: 1000M Ohms Min.  
 Dielectric Withstanding: 500V AC/DC  
 Contact Resistance: 20M Ohms Max.  
 Operation Temperature: -40°C to +105°C

Materials:  
 Contact Material: Brass  
 Insulator Material: PA6T +30% G.F, UL94V-0  
 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 04/01/14 |
| TOLERANCES:                 |  | CHECKED                        | GWE 04/01/14 |
| ONE DECIMALS ±.100          |  | ENG APPR.                      |              |
| TWO DECIMAL ±.010           |  | MFG APPR.                      |              |
| THREE DECIMAL ±.005         |  | ADDRESS:                       |              |
| FOUR DECIMAL ±.002          |  | 2533 Centennial Blvd.          |              |
| NEXT ASSY USED ON           |  | Jeffersville, In 47130         |              |
| APPLICATION                 |  | Phone: 812-670-4174            |              |
| DO NOT SCALE DRAWING        |  | Fax: 812-670-4175              |              |
|                             |  | E-Mail: mle@mllelectronics.com |              |
|                             |  | TITLE: SHTLSM-5 SERIES         |              |
|                             |  | SIZE DWG. NO.                  |              |
|                             |  | C                              |              |
|                             |  | REV B                          |              |
|                             |  | SCALE 4:1                      |              |
|                             |  | SHEET 1 OF 1                   |              |

