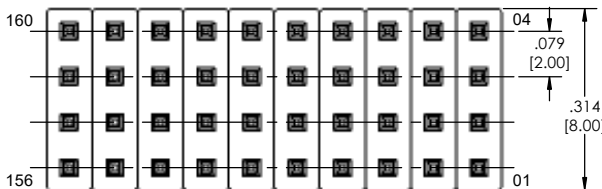
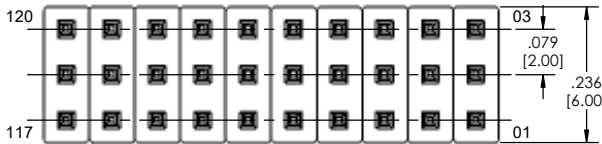
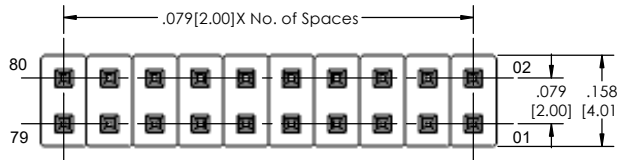
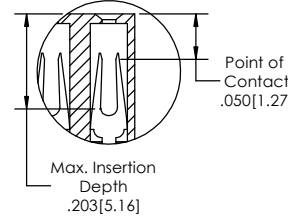
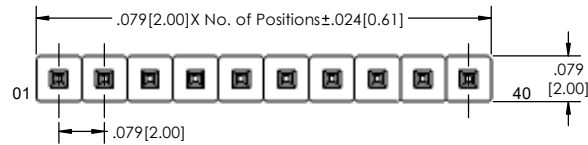
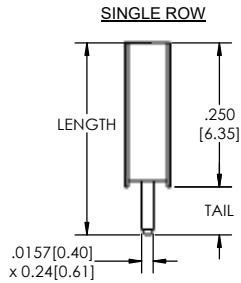
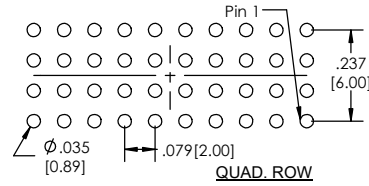
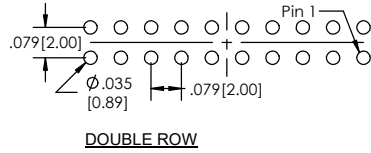
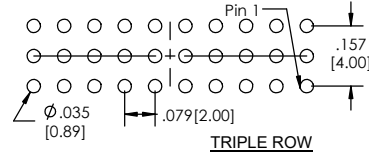
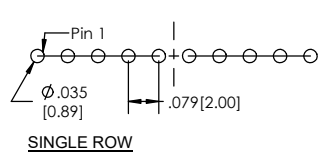
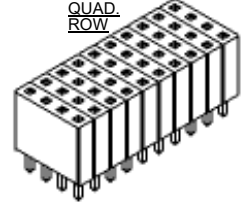
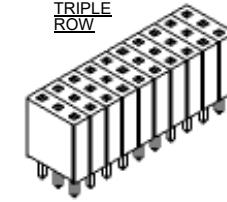
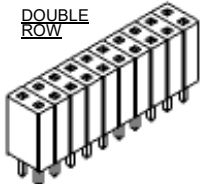
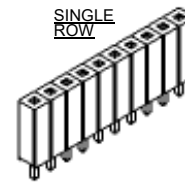
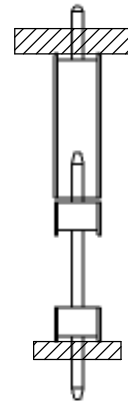


Recommended P.C. Board Layout  
SCALE 4:1



APPLICATION



SSHS-2 [XX] - [X] - [XX] - [XX] - [XX] - [XXX] - [LF]  
(A) (B) (C) (D) (E) (F) (G)

- A. Pins Per Row  
- 1 through 40
- B. Row Specification  
- S= Single Row  
- D= Double Row  
- T= Triple Row  
- Q= Quadrapul 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

| 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 |

| Pin Options |                |
|-------------|----------------|
| Length      | Tail Length    |
| .344[8.74]  | .079[2.00] 02  |
| .358[9.10]  | 0.93[2.36] 04  |
| .415[10.54] | .150[3.81] 06  |
| .478[12.14] | .213[5.41] 07  |
| .573[14.55] | .308[7.82] 08  |
| .723[18.36] | .458[11.63] 10 |

Specifications:  
Insertion Force- Single Contact only- H Plating:  
4oz. [1.11N] avg with .020 [0.508mm] sq. pin  
Withdrawal Force- Single Contact only- H Plating:  
3oz. [0.83N] avg with .020 [0.508mm] sq. pin  
Current Rating: 2.0 Ampere  
Insulation Resistance: 1000M Ohms Min.  
Dielectric Withstanding: 500V AC  
Contact Resistance: 10M Ohms Max.  
Operation Temperature: -40°C to +105°C  
Max. Process Temperature  
Peak: 260°C up to 10 secs.  
Process: 230°C up to 60 secs.  
Wave: 260°C up to 6 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.

|                                      |         |  |              |
|--------------------------------------|---------|--|--------------|
| UNLESS OTHERWISE SPECIFIED:          |         | NAME   | DATE         |
| DIMENSIONS ARE IN INCHES             |         | DRAWN  | EOW 07/11/16 |
| TOLERANCES:                          |         | CHECKED  | GWE 07/11/16 |
| ONE DECIMALS ±.100                   |         | ENG APPR.  |              |
| TWO DECIMAL ±.010                    |         | MFG APPR.  |              |
| THREE DECIMAL ±.005                  |         | ADDRESS:   |              |
| FOUR DECIMAL ±.002                   |         | 2533 Centennial Blvd.<br>Jeffersonville, IN 47130<br>Phone: 812-670-4174<br>Fax: 812-670-4175<br>E-Mail: mle@mlelectronics.com |              |
| NEXT ASSY                            | USED ON | TITLE: SSHS-2 SERIES   |              |
| APPLICATION                          |         | DO NOT SCALE DRAWING   |              |
| INTERPRET GEOMETRIC TOLERANCING PER: |         | SIZE DWG. NO.  |              |
| MATERIAL                             |         | REV B  |              |
| FINISH                               |         | SCALE 6:1  |              |
| SHEET 1 OF 1                         |         |  |              |



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