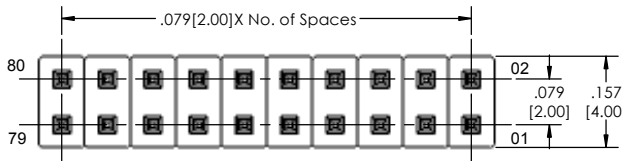
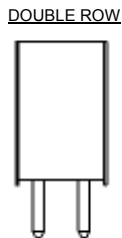
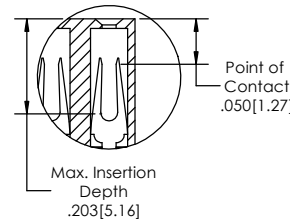
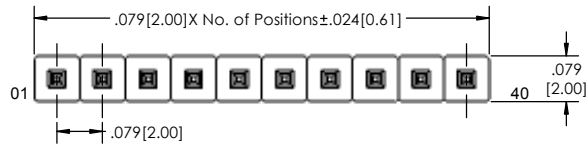
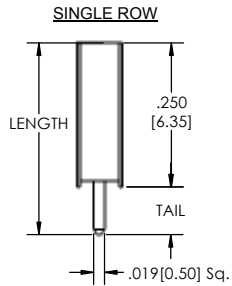
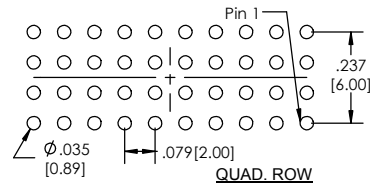
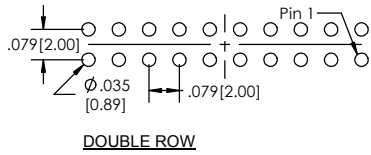
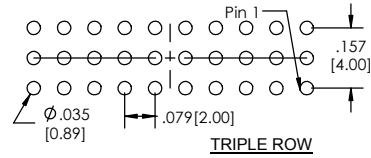
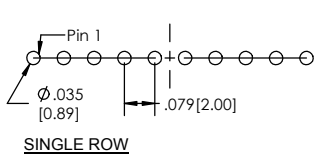
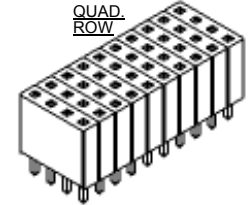
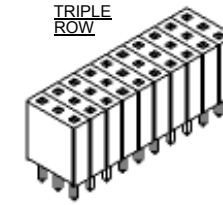
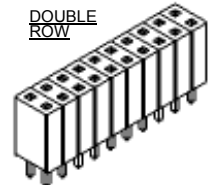
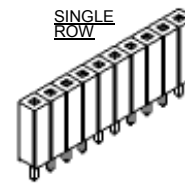
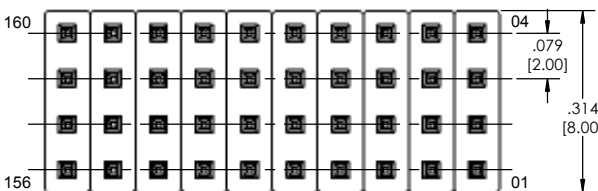
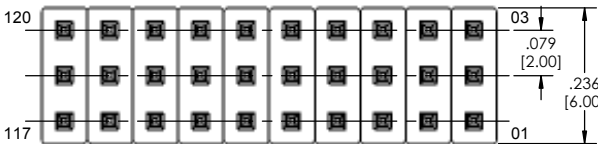
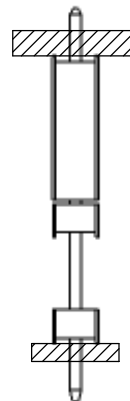


Recommended P.C. Board Layout  
SCALE 4:1



APPLICATION



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

- A. Pins Per Row  
- 1 through 40
- B. Row Specification  
- S= Single Row  
- D= Double Row  
- T= Triple Row  
- Q= Quadrupal Row
- C. Pin Options  
- See Pin Options below
- D. Low Insertion Option  
- Leave blank for standard 6oz. Insertion force  
- Fill with "L" for low 3.3oz. Insertion force
- E. Plating Options  
- See Plating Options below
- F. Lock Tight "LT" (Optional)  
- Leave blank if not needed  
- LT= With
- G. Polarized Position  
- Leave blank if not needed  
- If required, specify empty pin position  
- e.g. 012 for Pin 12
- H. Lead Free

- Mates with:
- BSTC TSHR
  - BSTCM TSHRE
  - BSTCR TSHS
  - BSTCRSM TSHSCM
  - BSTS TSHSC
  - TBSTC TTSHCR
  - TBSTCM TTSHCRE
  - TBSTS TTSHR
  - TSHC TTSHRE
  - TSHCR TTSHS
  - TSHCRE TTSHSM
  - TSHCRSM

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 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.

Pin Options	
Length	Tail Length
.340 [8.63mm]	.090 [2.28mm]
.414 [10.52mm]	.164 [4.17mm]
.458 [11.63mm]	.208 [5.28mm]
.534 [13.56mm]	.284 [7.21mm]
.692 [17.58mm]	.442 [11.23mm]
.850 [21.59mm]	.600 [15.24mm]

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

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UNLESS OTHERWISE SPECIFIED: <b>DIMENSIONS ARE IN INCHES</b> TOLERANCES: ONE DECIMALS ±.100 TWO DECIMALS ±.010 THREE DECIMALS ±.005 FOUR DECIMALS ±.002		DRAWN: EOW CHECKED: GWE ENG APPR: MFG APPR:	NAME: DATE: 01/21/15 01/21/15	
NEXT ASSY USED ON:	FINISH:	ADDRESS: 2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com	TITLE: SSHQ-2 SERIES SIZE DWG. NO. C SCALE 6:1	
APPLICATION: DO NOT SCALE DRAWING				REV B SHEET 1 OF 1