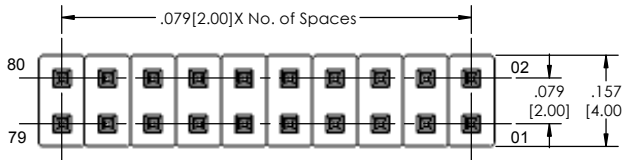
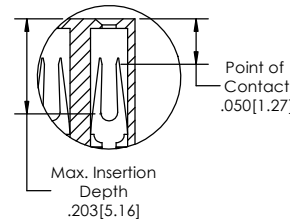
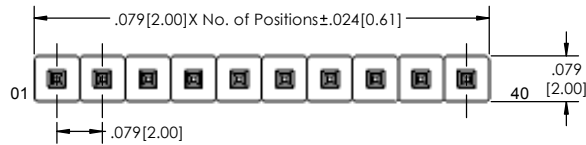
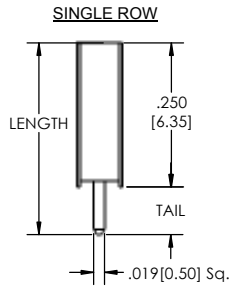
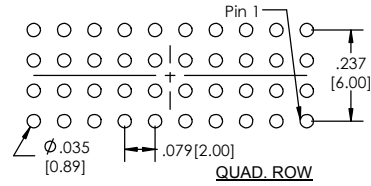
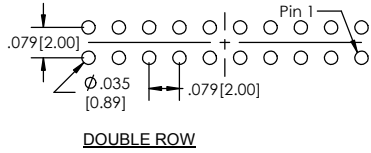
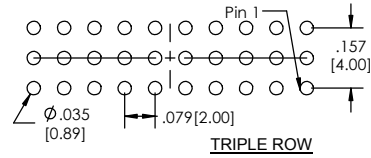
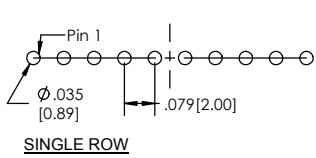
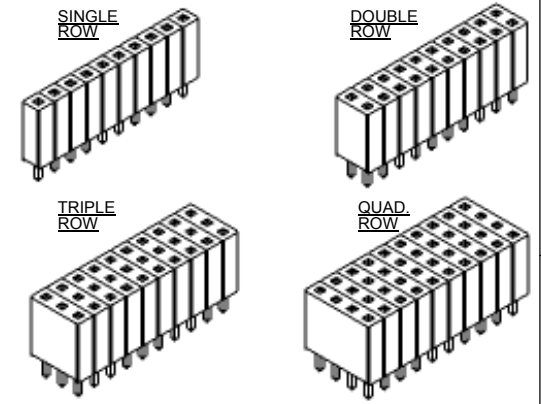
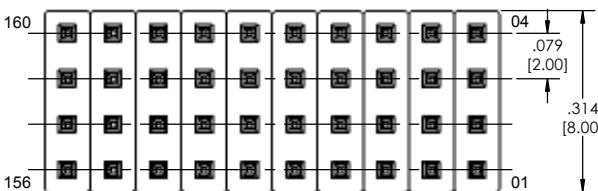
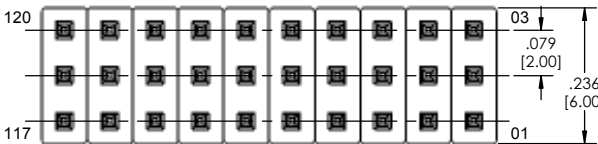
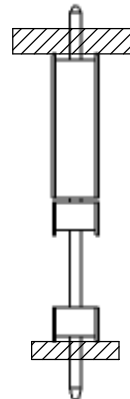


Recommended P.C. Board Layout  
SCALE 4:1



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

