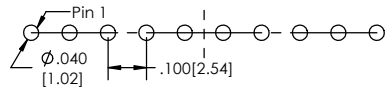
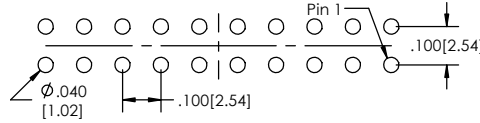


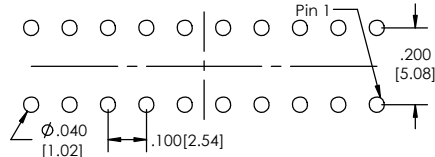
Recommended P.C. Board Layout
SCALE 4:1



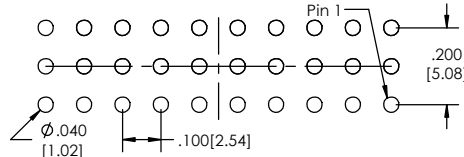
SINGLE ROW



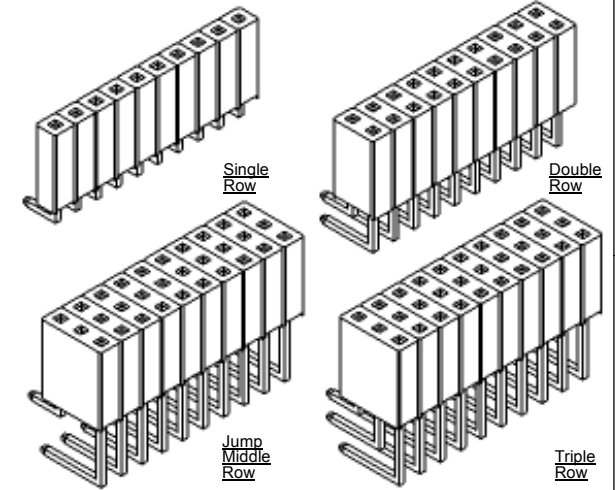
DOUBLE ROW



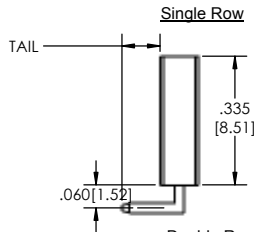
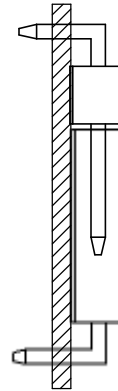
JUMP MIDDLE ROW



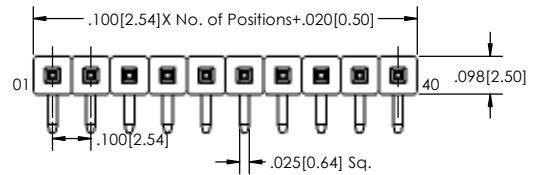
TRIPLE ROW



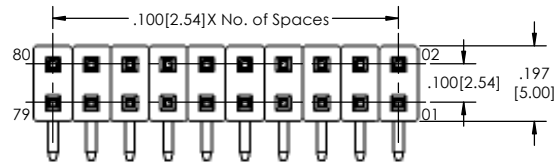
Application



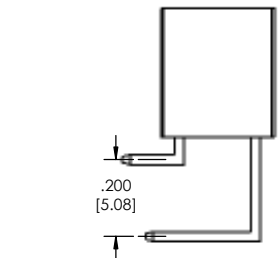
Single Row



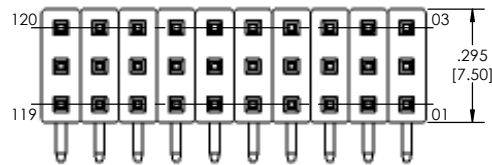
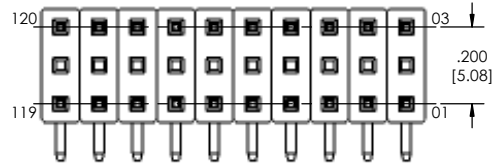
Double Row



Jump Middle Row



Triple Row



SSHQR-1 **(A)** - **(B)** - **(C)** - **(D)** - **(E)** - **(F)** - **(G)**

- A. Pins Per Row - 1 through 40
- B. Row Specification
 - S= Single
 - D= Double
 - J= Jump middle
 - T= Triple
- 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

Mates with:

BSTC	TSHCR
BSTCM	TSHCRE
BSTCR	TSHCRSM
BSTCRSM	TSHR
BSTS	TSHRE
LBSTCM	TSHS
LTSHCR	TSHSCM
LTSHCRE	TSHSM
LTSHR	ULTSHSM
LTSHRE	ULTSHC
LTSHSM	ULTHSCR
TSHC	

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 Depth: .145[3.68] to .250[6.35]
 Insertion Force- Per Contact- H Plating:
 6oz.[1.67N] avg with .025[0.64mm] sq. pin
 Withdrawal Force- Per Contact- H Plating:
 5oz.[1.39N] avg qth .025[0.64mm] sq. pin
 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.
 Manual Solder: 350°C up to 5 secs.

Pin Option		
Tail		
0.100	2.54mm	02
0.290	7.37mm	04
0.490	12.45mm	06

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.



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UNLESS OTHERWISE SPECIFIED:		NAME		DATE	
DIMENSIONS ARE IN INCHES		DRAWN	EOW	01/20/15	
TOLERANCES:		CHECKED	GWE	01/20/15	
ONE DECIMALS ±.100		ENG APPR.			
TWO DECIMALS ±.010		MFG APPR.			
THREE DECIMALS ±.005		ADDRESS:			
FOUR DECIMALS ±.002		2533 Centennial Blvd. Jeffersonville, In 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com			
NEXT ASSY	USED ON	MATERIAL		TITLE: SSHQR-1 SERIES	
		FINISH		SIZE DWG. NO.	REV B
APPLICATION	DO NOT SCALE DRAWING			SCALE: 4:1	SHEET 1 OF 1

