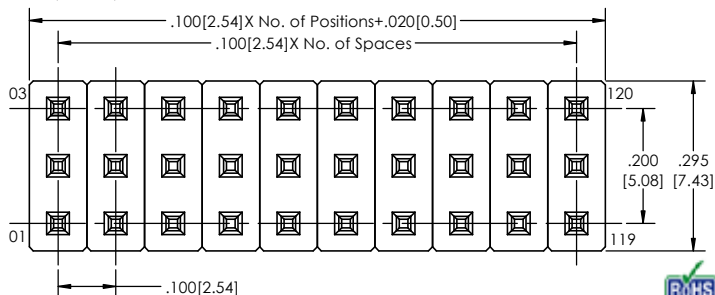
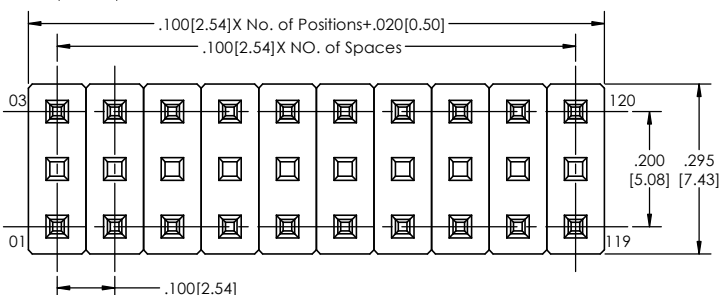
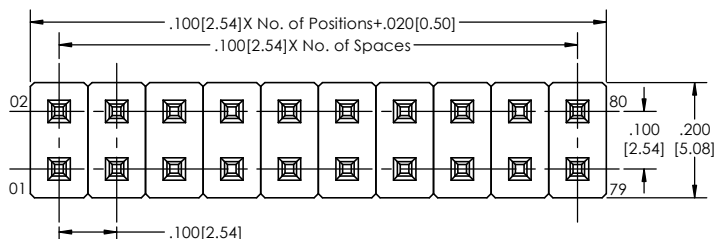
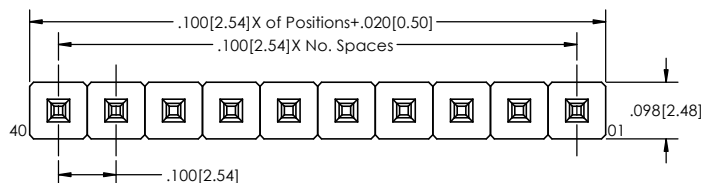
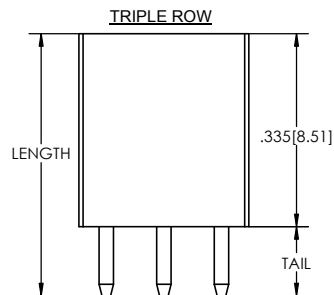
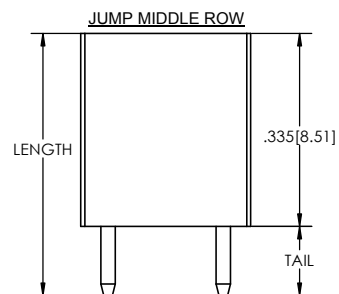
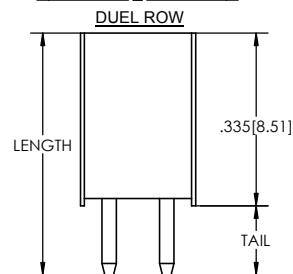
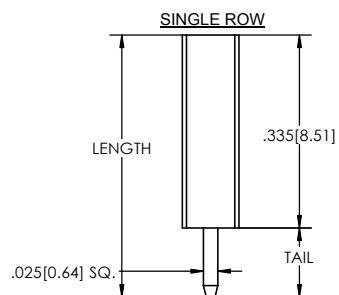
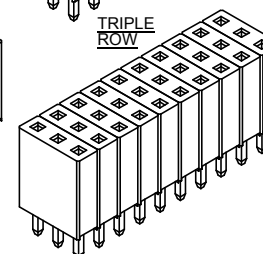
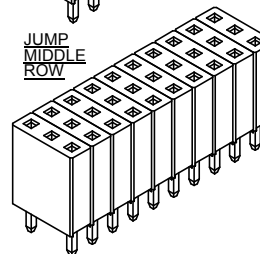
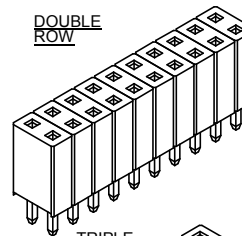
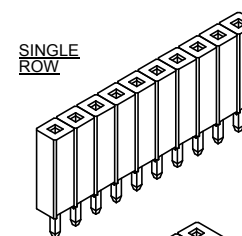


APPLICATION



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SSHQ-1 XX - X - XX - XX - XX - XXX - LF
(A) (B) (C) (D) (E) (F) (G)

- | | | |
|---|------------------|-----------------|
| A. Pins Per Row | - 1 through 40 | Mates with: |
| B. Row Specification | - S= Single | BSTC TSHCR |
| - D= Double | - J= Jump Middle | BSTCM TSHCRE |
| - T= Triple | | BSTCR TSHCRSM |
| C. Pin Options | | BSTCRSM TSHR |
| - See Pin Options below | | BSTS TSHRE |
| D. Plating Options | | LBSTCM TSHS |
| - See Plating Options below | | LTSHCR TSHSCM |
| E. Lock Tight "LT" (Optional) | | LTSHCRE TSHSM |
| - Leave blank if not needed | | LTSHR ULTSHSM |
| - LT= With | | LTSHRE ULTSHC |
| F. Polarized Position | | LTSHSM ULTSHSCR |
| - Leave blank if not needed | | TSHC |
| - 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	-10 μ Gold on Contact Area/ Flash on Tail
T	-Matte Tin all Over
GT	-10 μ Gold on Contact Area/ Matte Tin on Tail
H	-30 μ 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 Option		
Length	Tail Length	
.435[11.05mm]	.100[2.54mm]	0
.453[11.51mm]	.120[3.05mm]	0
.525[13.34mm]	.190[4.83mm]	0
.725[18.42mm]	.390[9.91mm]	0
.895[22.73mm]	.560[14.22mm]	0

Specifications:

Specifications:
 Insertions Depth: .145(.368) to .250(.635)
 Insertion Force- Per Contact- H Plating:
 6oz(.167N) avg with .025(.064mm) sq. pin
 Withdrawal Force- Per Contact- H Plating:
 5oz(.139N) avg with .025(.064mm) 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.

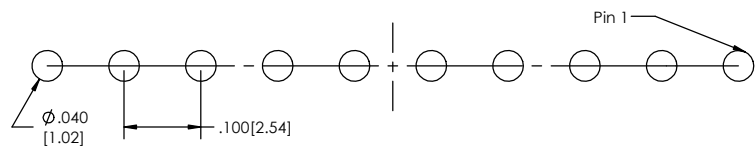
Materials:
Contact Material: Phosphor Bronze
Insulator Material: Nylon 6T
Plating: Au or Sn over 50 μ " (1.27) Ni

Tails may be clipped to achieve specific dimensions.

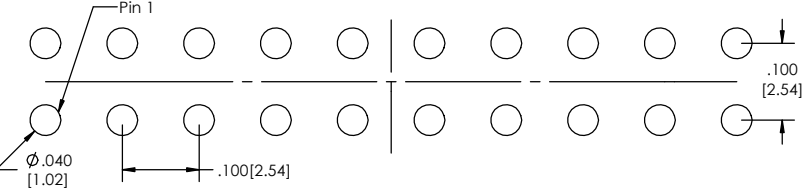
Products cut to specific sizes are uncancellable/ nonreturnable.
Parts are subject to change without notice.

UNLESS OTHERWISE SPECIFIED:				NAME		DATE			
DIMENSIONS ARE IN INCHES TOLERANCES: ONE DECIMALS ±.100 TWO DECIMAL ±.005 THREE DECIMAL ±.0005 FOUR DECIMAL ±.002				DRAWN		EOW 01/10/14			
				CHECKED					
				ENG APPR.					
				MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.					
		MATERIAL		ADDRESS:		TITLE: SSHQ-1 SERIES			
				4235 Earnings Way		SIZE			
				New Albany, IN 47150		DWG. NO.			
				Phone: 812-944-7244 Fax: 812-944-7268		C			
				e-Mail: mig@nietronics.com		REV			
NEXT ASSY		USED ON				A			
APPLICATION		DO NOT SCALE DRAWING				SSCAL 6:1			
						SHEET 1 OF 2			

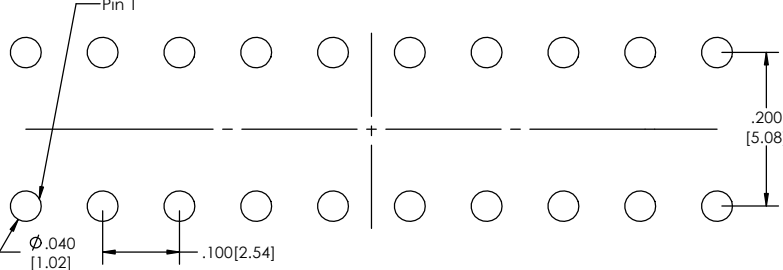
Recommended P.C. Board Layout
SCALE 8:1



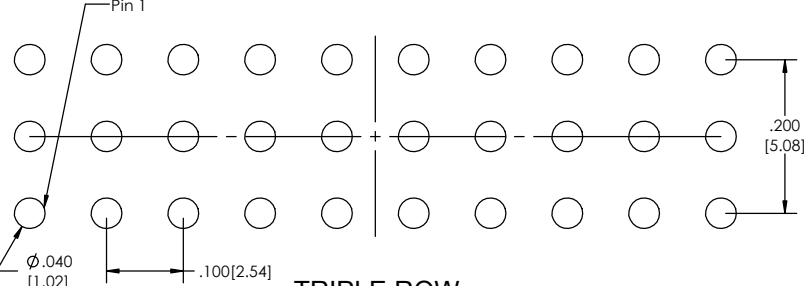
SINGLE ROW



DOUBLE ROW



JUMP MIDDLE ROW



TRIPLE ROW



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		DIMENSIONS ARE IN INCHES	DRAWN	EOW	01/10/14
		TOLERANCES:	CHECKED		
		FRACTIONAL: ±	ENG APPR.		
		ANGULAR: MATCH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±			
		THREE PLACE DECIMAL ±			
		INTERPRET GEOMETRIC	D.A.		
		TOLERANCING PER:	ADDRESS:		
		MATERIAL	4235 Earnings Way		
		FINISH	New Albany, IN 47150		
NEXT ASSY	USED ON		Phone: 812-944-7244 Fax: 812-944-7268		
APPLICATION	DO NOT SCALE DRAWING		e-Mail: mlk@mlselecronics.com		

SIZE	DWG. NO.	REV
C	SSHQ-1	

SCALE: 8:1