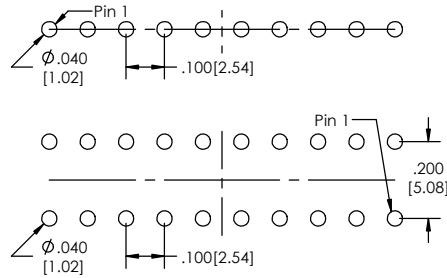
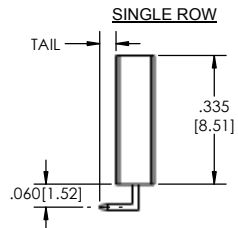


# Recommended P.C. Board Layout SCALE 4:1

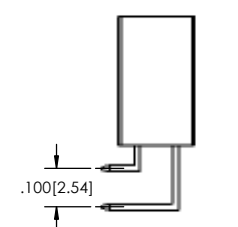
## SINGLE ROW



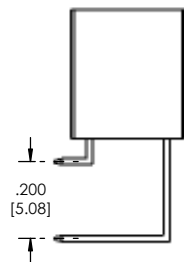
## JUMP MIDDLE ROW



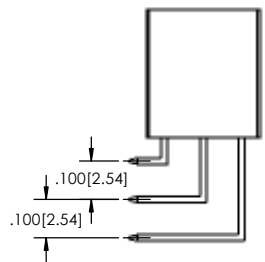
## DOUBLE ROW



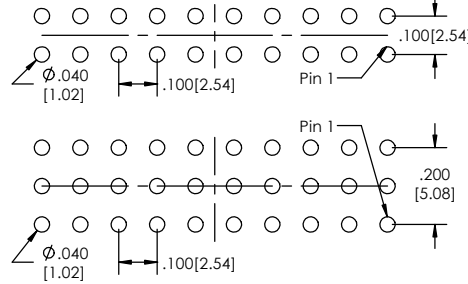
## JUMP MIDDLE ROW



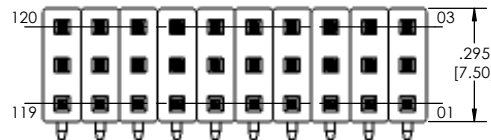
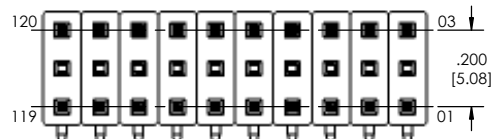
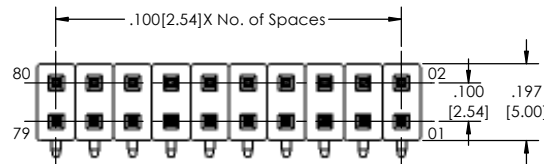
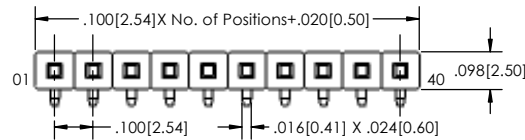
## TRIPLE ROW



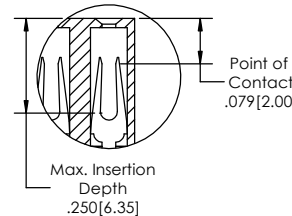
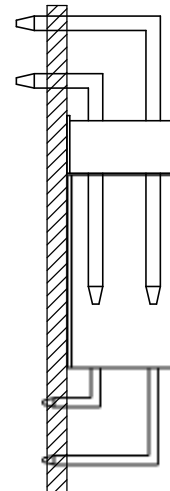
## DOUBLE ROW



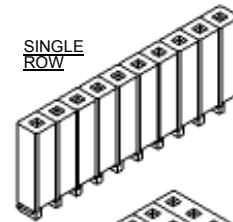
## TRIPLE ROW



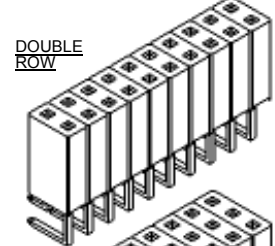
## APPLICATION



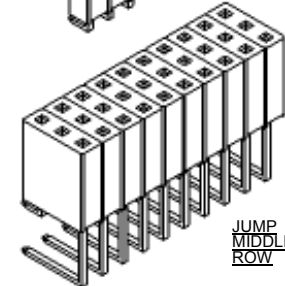
## SINGLE ROW



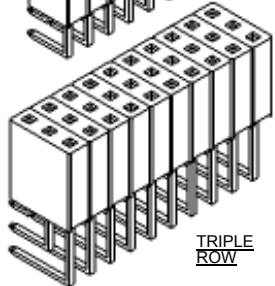
## DOUBLE ROW



## JUMP MIDDLE ROW



## TRIPLE ROW



SSHR-1 **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  
- 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 TSHCRE  
BSTCRSM TSHR  
BSTS TSHRE  
LBSTCM TSHS  
LTSHCR TSHSCM  
LTSHCRE TSHSM  
LTSHR ULTSHS  
LTSHRE ULTSHC  
LTSSHCM ULTSHC  
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 with .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 Options		
Tail		
.100	2.54mm	02
.290	7.37mm	04
.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 uncancellable/nonreturnable.  
Parts are subject to change without notice.



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MFG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:		ADDRESS:		
MATERIAL:		2533 Centennial Blvd.		
NEXT ASSY		Jeffersonville, IN 47130		
USED ON:		Phone: 812-670-4174		
APPLICATION		Fax: 812-670-4175		
DO NOT SCALE DRAWING		E-Mail: mle@mlelectronics.com		
FINISH		TITLE: SSHR-1 SERIES		
		SIZE DWG. NO.		REV
		C		B
		SCALE: 4:1		SHEET 1 OF 1

