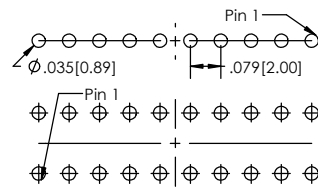


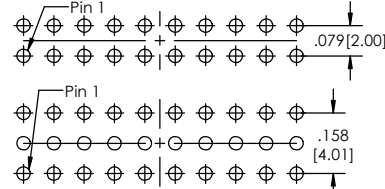
Recommended P.C. Board Layout SCALE 4:1

Single

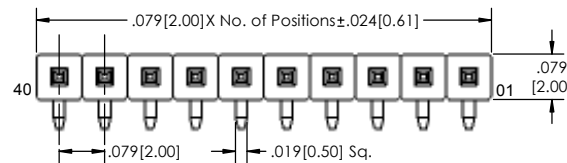
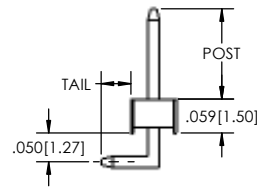
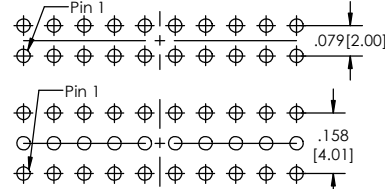


Jump Middle

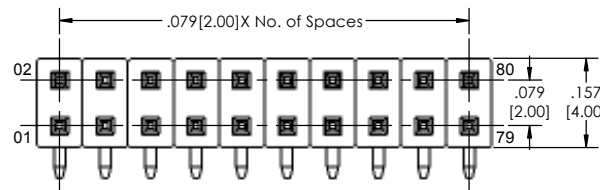
Double



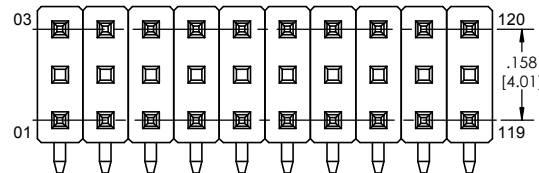
Triple



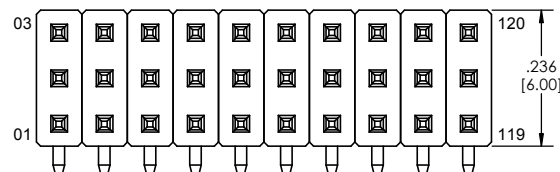
SINGLE ROW



DOUBLE ROW

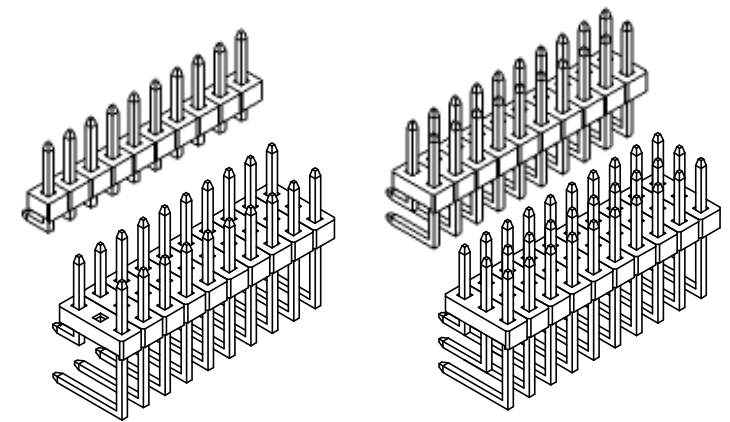
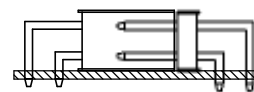


JUMP MIDDLE ROW



TRIPLE ROW

APPLICATION



TSHR-2 **XX** - **X** - **XX** - **X** - **XX** - **XX** - **XXX** - **X** - **LF**
(A) (B) (C) (D) (E) (F) (G) (H) (I)

- A. Pins Per Row
- 1 through 40
- B. Row Specification
- S= Single Row
- D= Double Row
- J= Jump Middle Row
- T= Triple Row
- C. Pin Options
- See Pin Options below
- D. Desired Post Height
- A= .126[3.20]
- B= .146[3.71]
- 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. Every Other Pin Filled
- Leave blank if not needed
- E= Filled
- I. Lead Free

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:
Current Rating: 3.0 Ampere
Insulation Resistance: 1000M Ohms Min.
Dielectric Withstanding: 500V AC
Contact Resistance: 20M 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.
Products cut to specific sizes are uncancellable/ nonreturnable.
Parts are subject to change without notice.

Mates with:
BCSS.
BSSH.
BSSHC.
BSSQ.
BSSQC.
BSSQM.
LSMBC
SMBC
SSHQ
SSHQR
SSHSM
SSHSM
ULSMBC

Pin Options	
Tail with .126 Post	Tail with .146 Post
.120[3.05mm]	.100[2.54mm]
.140[3.56mm]	.120[3.05mm]
.160[4.06mm]	.140[3.56mm]
.199[5.05mm]	.179[4.55mm]
.298[7.57mm]	.278[7.06mm]
.318[8.08mm]	.298[7.57mm]
.337[8.56mm]	.317[8.05mm]



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UNLESS OTHERWISE SPECIFIED:		NAME		DATE
DIMENSIONS ARE IN INCHES		DRAWN	EOW	02/06/14
TOLERANCES:		CHECKED	GWE	02/06/14
ONE DECIMAL ±.100		ENG APPR.		
TWO DECIMAL ±.005		MFG APPR.		
THREE DECIMAL ±.002		ADDRESS:		
FOUR DECIMAL ±.002		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com		
NEXT ASSY	USED ON	TITLE: TSHR-2 SERIES		
APPLICATION		DO NOT SCALE DRAWING		SIZE DWG. NO.
				SCALE 6:1
				SHEET 1 OF 1

