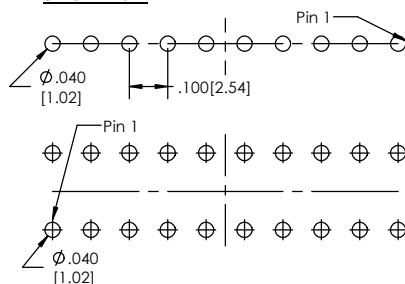
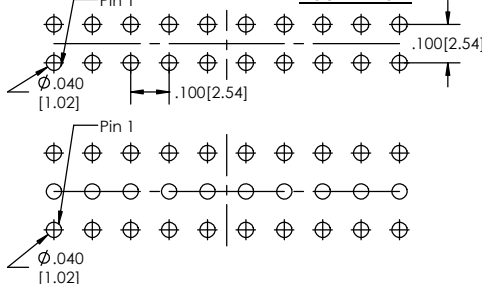


Recommended P.C. Board Layout SCALE 4:1

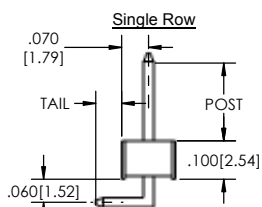
SINGLE ROW



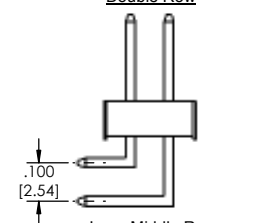
DOUBLE ROW



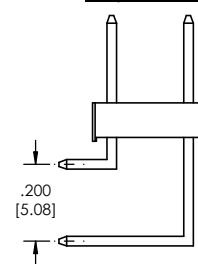
JUMP MIDDLE ROW



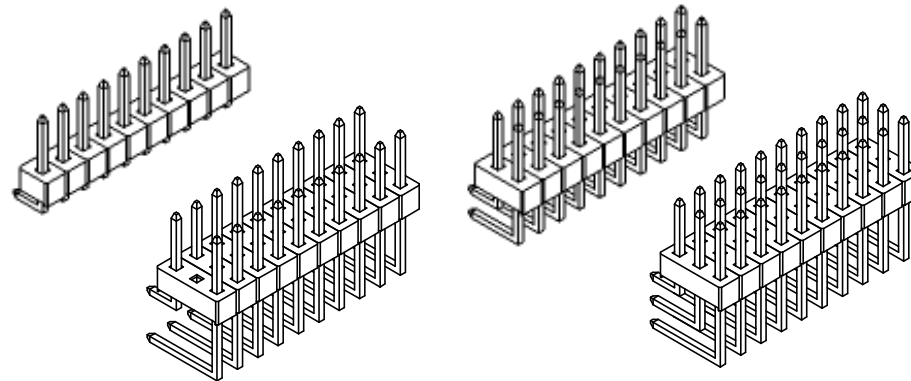
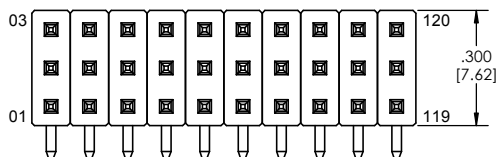
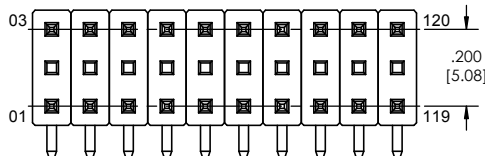
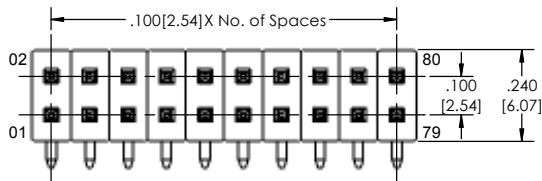
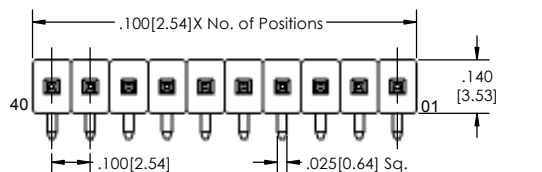
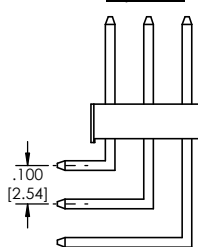
Double Row



Jump Middle Row



Triple Row



TSHCR-1 **XX** - **X** - **XXX** - **XX** - **XXX** - **XX** - **XX** - **XXX** - **X** - **LF**
(A) (B) (C) (D) (E) (F) (G) (H) (I) (J)

- Pins Per Row
 - 1 through 40
- Row Specification
 - S= Single
 - D= Double Row
 - J= Jump Middle Row
 - T= Triple Row
- Detailed Tail Length
 - If left blank
 - Length(L) - Post Height(P) - .210[5.33] = Tail Length(T)
- Pin Options
 - See Pin Options below
- Desired Post Height
 - Please Specify
 - e.g. .230[5.84] = .230
- Plating Options
 - See Plating Options below
- Lock Tight "LT" (Optional)
 - Leave blank if not needed
 - LT= With
- Polarized Position
 - Leave blank if not needed
 - If required, specify empty pin position
 - e.g. 012 for Pin 12
- Every Other Pin Filled (.200 Centers)
 - Leave blank if not needed
 - E= Filled
- 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

Pin Options	
Overall Length	Tail Length
.430[10.92]	.130[3.30]
.445[11.30]	.145[3.68]
.456[11.58]	.156[3.96]
.480[12.19]	.180[4.57]
.530[13.46]	.230[5.84]
.630[16.00]	.330[8.38]
.730[18.54]	.430[10.92]
.830[21.08]	.530[13.46]
.930[23.62]	.630[16.00]
1.030[26.16]	.730[18.54]
1.130[28.70]	.830[21.08]
1.230[31.24]	.930[23.62]
1.330[33.78]	1.030[26.16]
1.430[36.32]	1.130[28.70]
1.530[38.86]	1.230[31.24]

Specifications:
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 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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UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	EOW 01/09/14
TOLERANCES:		CHECKED	GWE 01/09/14
ONE DECIMALS ±.100		ENG APPR.	
TWO DECIMAL ±.010		MFG APPR.	
THREE DECIMAL ±.005		ADDRESS:	
FOUR DECIMAL ±.002		2533 Centennial Blvd.	
NEXT ASSY USED ON		Jeffersonville, IN 47130	
APPLICATION		Phone: 812-670-4174	
DO NOT SCALE DRAWING		Fax: 812-670-4175	
		E-Mail: mle@mlelectronics.com	
		TITLE: TSHCR-1 Series	
		SIZE DWG. NO.	
		C	
		REV B	
		SCALE: 6:1	
		SHEET 1 OF 1	