

TSHS-1 **(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. Post Height
 - A= .230 [5.84]
 - B= .318 [8.08]
- E. Plating Options
 - See Plating Options below
- F. Lock Tight "LT" (Optional)
 - LT= Board locking feature.
 - Leave blank if not needed.
- G. Polarized Position (Optional)
 - Leave blank if not needed
 - If required, specify position to be empty
 - e.g. .012 for pin 12
- H. Every Other Pin (Optional)
 - Leave blank if not needed
- I. Lead Free

Mates With:
 BCSS SMBC
 BSSH SSHQ
 BSSHC SSHQR
 BSSQ SSHR
 BSSQC SSHS
 BSSQM SSHSM
 LBCSS
 LSMBC
 LSWSS

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		
Length	Post Height	
.430[10.92mm]	.230[5.84mm]	06
.445[11.30mm]	.245[6.22mm]	08
.456[11.58mm]	.256[6.50mm]	10
.480[12.19mm]	.280[7.11mm]	11
.530[13.46mm]	.330[8.38mm]	14
.630[16.00mm]	.430[10.92mm]	16
.730[18.54mm]	.530[13.46mm]	20
.830[21.08mm]	.630[16.00mm]	22
.930[23.62mm]	.730[18.54mm]	24
1.030[26.16mm]	.830[21.08mm]	26
1.130[28.70mm]	.930[23.62mm]	28
1.230[31.24mm]	1.030[26.16mm]	30
1.330[33.78mm]	1.130[28.70mm]	32
1.430[36.32mm]	1.230[31.24mm]	34

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 uncancelable/ nonreturnable.
 Parts are subject to change without notice.



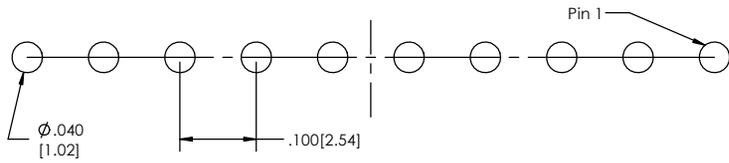
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UNLESS OTHERWISE SPECIFIED:		COMMENTS:	
DRAWN	EOW	NAME	DATE
CHECKED	GWE		01/06/14
ENG APPR.			
MFG APPR.			
NEXT ASSY USED ON		INTERPRET GEOMETRIC TOLERANCING PER:	
		MATERIAL	
		FINISH	
APPLICATION		DO NOT SCALE DRAWING	

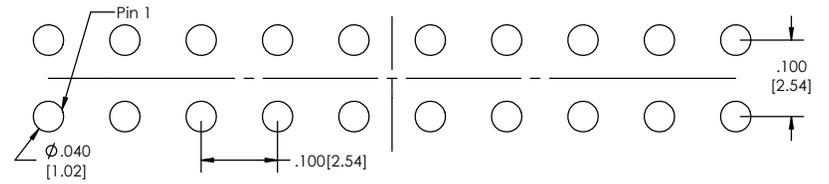
TITLE: TSHS-1 SERIES		
SIZE	DWG. NO.	REV
C		A
SCALE 6:1		SHEET 1 OF 2



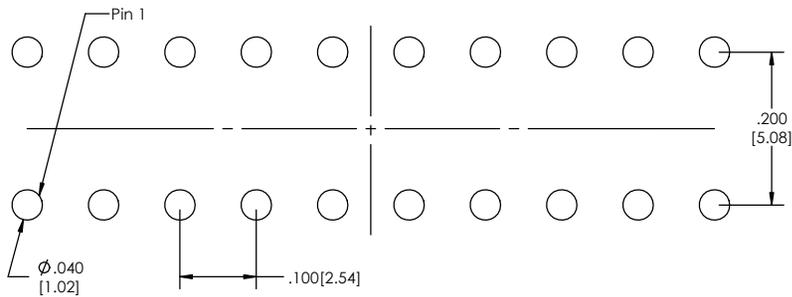
Recommended P.C. Board Layout
SCALE 8:1



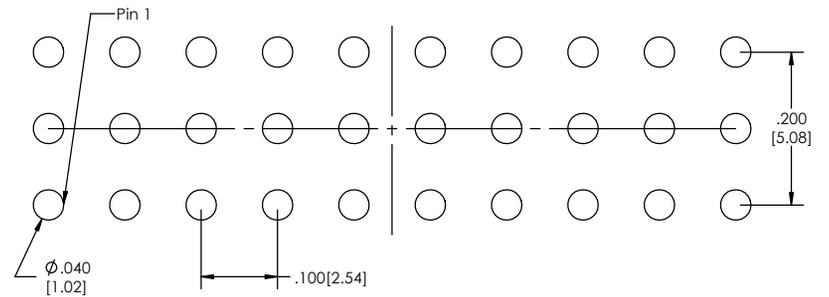
SINGLE ROW



DOUBLE ROW



JUMP MIDDLE ROW



TRIPLE ROW



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		FRACTIONS: $\frac{\quad}{\quad}$		DRAWN	EOW
TOLERANCES:		ANGULAR: MACH ± BEND ±		CHECKED	
TWO PLACE DECIMAL ±		THREE PLACE DECIMAL ±		ENG APPR.	
MATERIAL		FINISH		MFG APPR.	
INTERPRET GEOMETRIC TOLERANCING PER:		G.A.		ADDRESS:	
APPLICATION		DO NOT SCALE DRAWING		4235 Earnings Way New Albany, IN 47150 Phone: 812-944-7244 Fax: 812-944-7288 e-Mail: mis@mlselectronics.com	



SIZE	DWG. NO.	REV
C	TSHS-1	A
SCALE: 8:1	SHEET 2 OF 2	