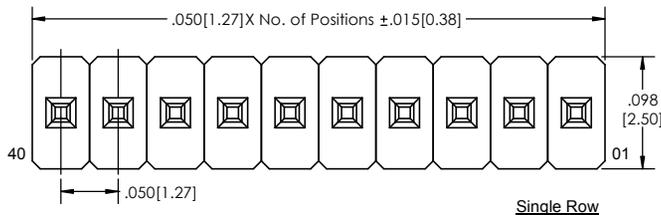
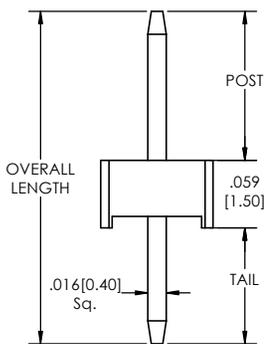
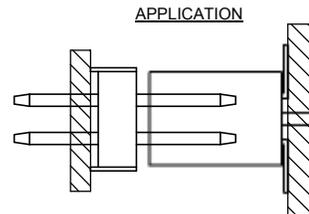
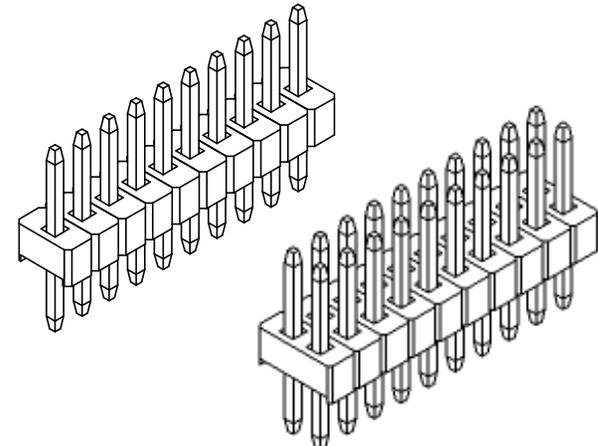
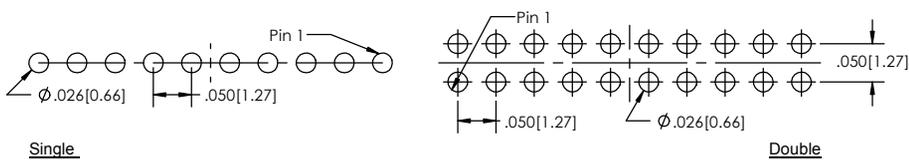
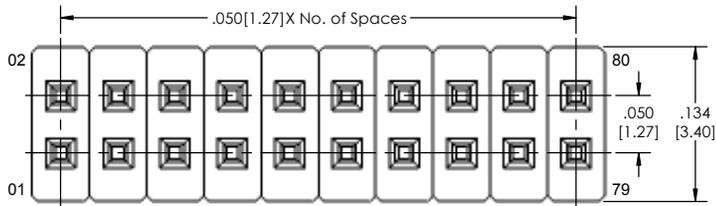


**Recommended P.C. Board Layout**

SCALE 8:1



Single Row



Double Row

TSHC-5 **XX** - **X** - **XXX** - **XX** - **XXX** - **XX** - **XXX** - **LF**  
**(A) (B) (C) (D) (E) (F) (G) (H)**

- A. Pins Per Row - 1 through 40
- B. Row Specification - S= Single Row - D= Double Row
- C. Desired Tail Length - If left blank - Length(L) - Post Height(P) - .059[1.50] = Tail Length(T)
- D. Pin Options - See Pin Option box below
- E. Desired Post Height - Please specify - e.g. .200[5.08] =200
- F. Plating Options - See Plating Options below
- G. Polarized Position - Leave blank if not required - e.g. .200[5.08] =200
- H. Lead Free

Mates with:  
LSSHs  
SMSS  
SSHS

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		
Max. Post Height	Overall Length	
.079[2.01mm]	.219[5.56mm]	04
.188[4.77mm]	.328[8.32mm]	06
.290[7.37mm]	.430[10.92mm]	08
.340[8.36mm]	.480[12.19mm]	10
.390[9.91mm]	.530[13.46mm]	12
.440[11.18mm]	.580[14.73mm]	14
.490[12.45mm]	.630[16.00mm]	16
.540[13.72mm]	.680[17.27mm]	18
.590[14.99mm]	.730[18.54mm]	20
.640[16.26mm]	.780[19.81mm]	22
.690[17.52mm]	.830[21.08mm]	24

Specifications:  
 Current Rating: 1.0 Ampere  
 Insulation Resistance: 1000M Ohms Min.  
 Dielectric Withstanding: 300V 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.



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UNLESS OTHERWISE SPECIFIED:		NAME DATE			TITLE: TSHC-5-D SERIES SIZE DWG. NO. <b>C</b> REV <b>B</b> SCALE 12:1 SHEET 1 OF 1
DIMENSIONS ARE IN INCHES		DRAWN EOW 10/30/14			
TOLERANCES: ONE DECIMALS ±.100 TWO DECIMAL ±.010 THREE DECIMAL ±.005 FOUR DECIMAL ±.002		CHECKED GWE 10/30/14			
NEXT ASSY USED ON		ENG APPR.			
APPLICATION		MFG APPR.		ADDRESS: 2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com	
DO NOT SCALE DRAWING		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			