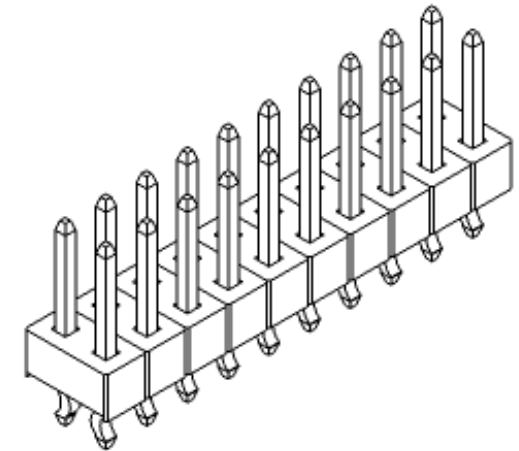
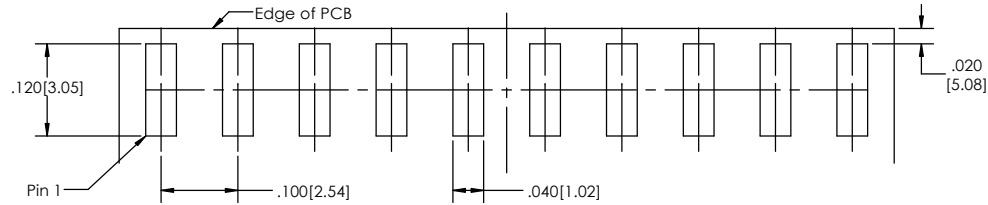


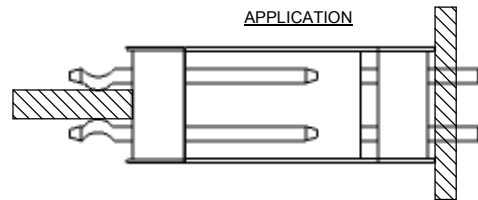
Recommended P.C. Board Layout
SCALE 8:1



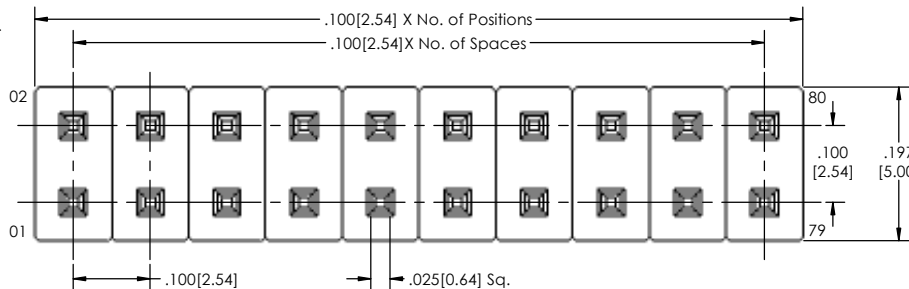
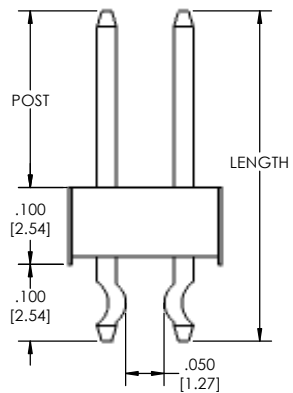
TSHS-1 **XX** - **D** - **XX** - **XX** - **SAD** - **XXX** - **LF**
(A) (B) (C) (D) (E) (F)

- A. Pins Per Row
- 1 through 50
- B. Row Specification
- D= Double Row
- C. Pin Options
- See Pin Options below
- D. Plating Options
- See Plating Options below
- E. Polarized Position
- Leave blank if not needed
- If required, specify position to be empty
- e.g. .012 for pin 12
- F. Lead Free

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



APPLICATION



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: 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.

Pin Options			
Length	Tail with .230 Post	Tail with .318 Post	
.430 [10.92mm]	.100 [2.54mm]	N/A	06
.445 [11.30mm]	.115 [2.92mm]	N/A	08
.456 [11.58mm]	.126 [3.20mm]	N/A	10
.480 [12.19mm]	.150 [3.81mm]	N/A	11
.530 [13.46mm]	.200 [5.08mm]	.112 [2.84mm]	14
.630 [16.00mm]	.300 [7.62mm]	.212 [5.38mm]	16
.730 [18.54mm]	.400 [10.16mm]	.312 [7.92mm]	20
.830 [21.08mm]	.500 [12.70mm]	.412 [10.46mm]	22
.930 [23.62mm]	.600 [15.24mm]	.512 [13.00mm]	24
1.030 [26.16mm]	.700 [17.78mm]	.612 [15.54mm]	26
1.130 [28.70mm]	.800 [20.32mm]	.712 [18.08mm]	28
1.230 [31.24mm]	.900 [22.86mm]	.812 [20.62mm]	30
1.330 [33.78mm]	1.000 [25.40mm]	.912 [23.16mm]	32
1.430 [36.32mm]	1.100 [27.94mm]	1.012 [25.70mm]	34
1.530 [38.86mm]	1.200 [30.48mm]	1.112 [28.25mm]	36



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UNLESS OTHERWISE SPECIFIED:		COMMENTS:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN		EOW	05/21/14
TOLERANCES:		CHECKED		GWE	05/21/14
ONE DECIMALS ±.100		ENG APPR.			
TWO DECIMAL ±.010		MFG APPR.			
THREE DECIMAL ±.005		Q.A.			
FOUR DECIMAL ±.002		MATERIAL			
NEXT ASSY		FINISH			
USED ON		DO NOT SCALE DRAWING			
APPLICATION		ADDRESS:		4235 Earnings Way New Albany, IN 47150 Phone: 812.944.7244 Fax: 812.944.7268 e-Mail: mle@majorleagueelectronics.com	
		TITLE: TSHS-1-SAD SERIES		SIZE DWG. NO.	
		SCALE 8:1		REV A	
				SHEET 1 OF 1	