

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

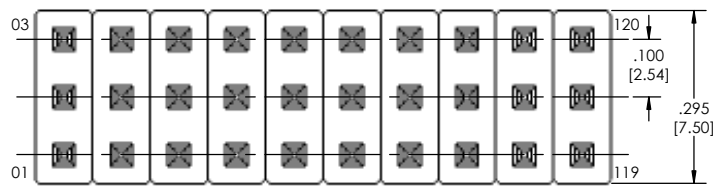
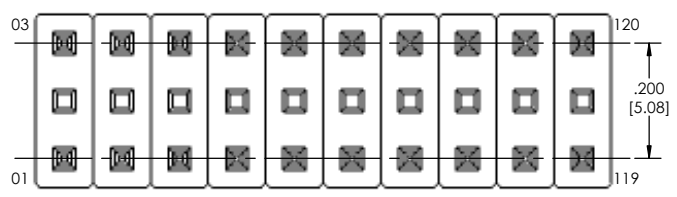
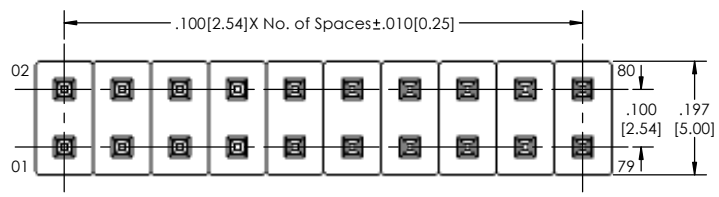
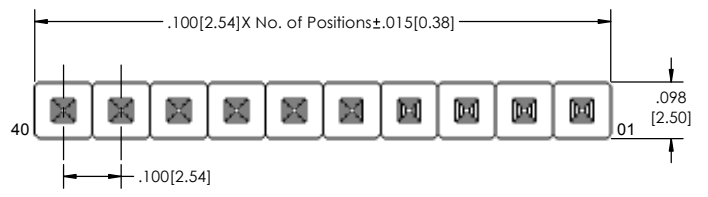
- A. Pins Per Row
- 1 through 40
- B. Row Specification
- S= Single Row
- D= Double Row
- J= Jump Middle Row
- T= Triple Row
- C. Pin Options
- See Pin Options below
- D. Post Height
- A= .230 [5.84]
- B= .318 [8.08]
- E. Plating Options
- See Plating Options below
- F. Lock Tight "LT" (Optional)
- LT= 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 SSSR
BSSQC SSSS
BSSQM SSSHM
LBCCS
LSMBC
LSWSS

Double Row

Jump Middle Row

Triple Row



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

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

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:	
DIMENSIONS ARE IN INCHES	TOLERANCES:	ONE DECIMALAL ±.100	TWO DECIMALAL ±.100
THREE DECIMALAL ±.005	FOUR DECIMALAL ±.002		
NEXT ASSY	USED ON	FINISH	
APPLICATION	DO NOT SCALE DRAWING		

NAME	DATE
DRAWN: EOW	01/06/14
CHECKED: GWE	01/06/14
ENG APPR:	
MFG APPR:	
ADDRESS:	
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TITLE: TSHS-1 SERIES
 SIZE DWG. NO. **C**
 SCALE 6:1
 SHEET 1 OF 1

REV **A**