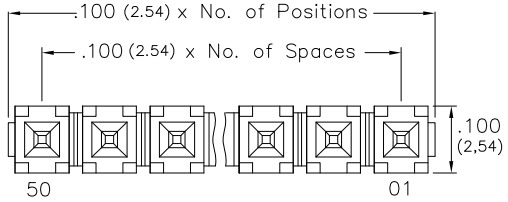
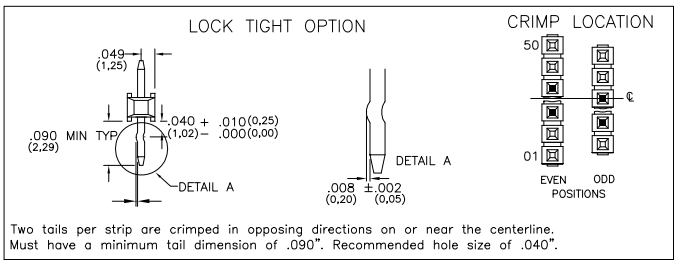
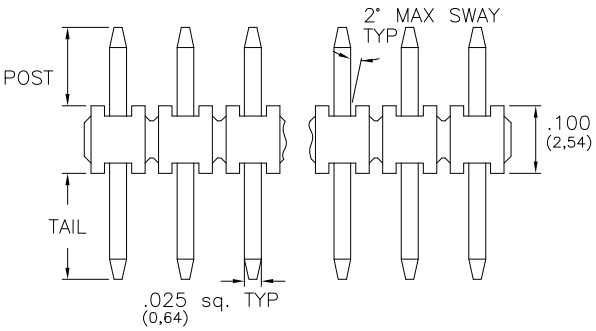
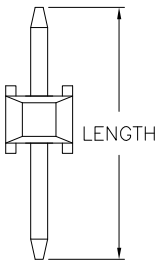
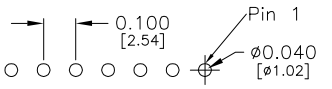
Major League Electronics .100 cl Terminal Strip Headers - Straight











Recommended P.C. Board Layout

Tails may be clipped to achieve desired pin length

Ordering Information

TSHS-1 [XX] – [S] – [XX] – [X] – [XX] – [XX] – [XXX] – [X] – [LF]

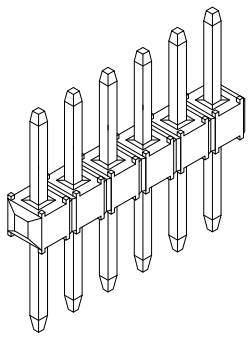
- Pins Per Row: 01 - 50
- Row Specification: S = Single
- Post Height: A = .230 (5.84); B = .318 (8.08)
- Lead Free
- Every Other Pin Filled (.200 Centers): Leave blank if not needed; E = Filled
- Polarized Position: Leave blank if not needed; If required, specify empty pin position, e.g. 012 for Pin 12
- Lock Tight "LT" (Optional): Leave blank if not needed; LT = With

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

Plating Options	
G	- 10µ Gold on Contact area/Flash on Tail
T	- Matte Tin all Over
F	- Gold Flash Over Entire Pin
GT	- 10µ Gold on Contact Area / Matte Tin on Tail
H	- 30µ Gold on Contact Area / Matte Tin on Tail

Specifications
Current Rating: 3.0 Ampere
Insulation Resistance: 1000MΩ Min.
Dielectric Withstanding: 600V AC
Contact Resistance: 20 mΩ Max.
Operating 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



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

Products cut to specific sizes are uncancellable/nonreturnable

Parts are subject to change without notice

TSHS-1-S SERIES	.100 cl Single Row Terminal Strip Headers - Straight	12 DEC 06	Scale NTS

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES (MM) TOLERANCES ARE:
ONE PLACE DECIMALS ±.100
TWO PLACE DECIMALS ±.010
THREE PLACE DECIMALS ±.005
FOUR PLACE DECIMALS ±.0020
ANGLES ±5°

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Edition 1

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