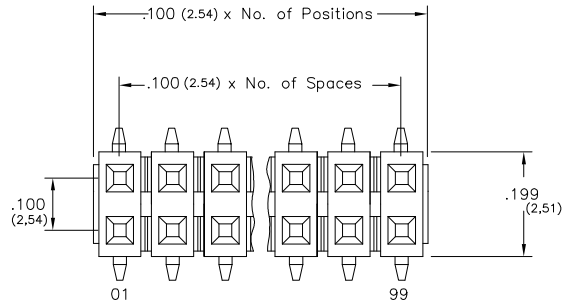
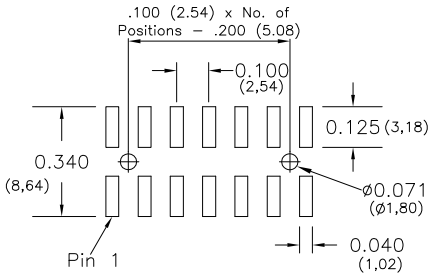
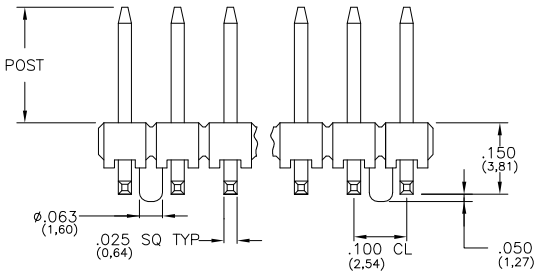
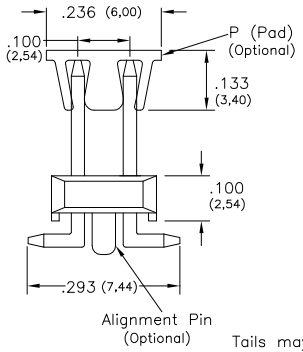
Major League Electronics .100 cl Terminal Strip Header - Surface Mount - Vertical





Recommended P.C. Board Layout





Tails may be clipped to achieve desired pin length

Ordering Information

TSHSM-1 [XX] – [D] – [XX] – [XX] – [V] – [XXX] – [XX] – [X] – [XX] – [LF]

- Pins Per Row: 01 - 50
- Row Specification: D = Dual Row
- Lead Free
- AP - Alignment Pin: Leave blank if not needed
- Packing Information
  - TR-P = Tape and Reel with Plastic Pick and Place pad
  - TB-P = Tube with Plastic Pick and Place pad
  - TB-0 = Tube without Pick and Place Pad
  - *If left blank, packaging at MLE's discretion*
  - *Pad may be metal, mylar or plastic*
- Polarized Position: Leave blank if not needed. If required, specify empty pin position, e.g. 012 for Pin 12
- Vertical

Pin Options		
Post Height		
.120	3.05mm	02
.135	3.43mm	03
.230	5.84mm	06
.245	6.22mm	08
.256	6.50mm	10
.280	7.11mm	11
.318	8.08mm	14
.420	10.67mm	16
.520	13.21mm	20
.620	15.75mm	22
.720	18.29mm	24
.820	20.83mm	26
.920	23.37mm	28
1.020	25.91mm	30
1.120	28.45mm	32
1.220	30.99mm	34
1.320	33.53mm	36

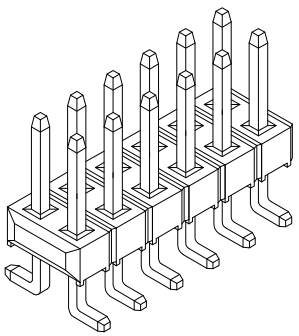
Plating Options	
H	30µ Gold on Contact Area / Matte Tin on Tail
T	Matte Tin all Over
GT	10µ Gold on Contact Area / Matte Tin on Tail
G	10µ Gold on Contact Area / Flash on Tail
F	Gold Flash over Entire Pin

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.
- Reflow: 260°C up to 10 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

TSHSM-1-DV SERIES	.100 cl Dual Row - Vertical Terminal Strip Header - Surface Mount	30 JAN 07	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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