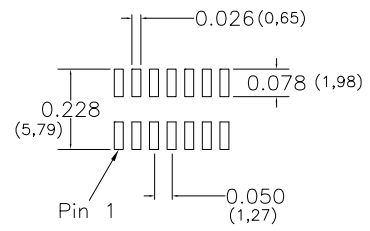
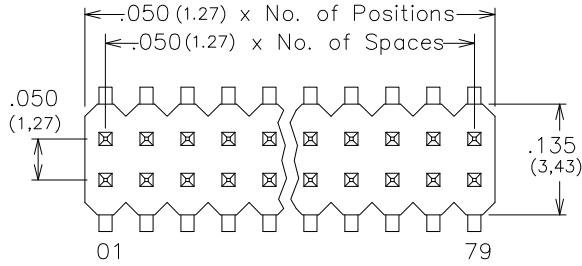
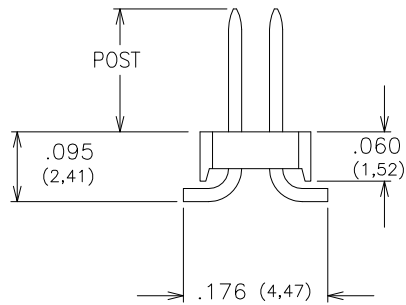
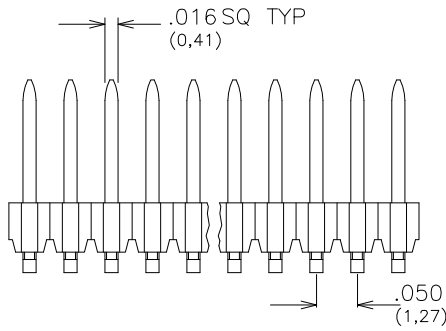


# Major League Electronics .050x.050 cl Terminal Strip Headers - Surface Mount - Vertical - Custom



Recommended P.C. Board Layout



Tails may be clipped to achieve desired pin length

## Ordering Information

TSHSCM-5 [ ] - [D] - [ ] - [ ] - [ ] - [V] - [ ] - [ ] - [ ] - [LF]

Pins Per Row: 01 - 40  
 Row Specification: D = Dual Row  
 Desired Post Height: Please specify e.g. .100 (2.54) = 100  
 Lead Free

**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 selected 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		
Max. Post Height		
.065	1.65mm	01
.143	3.63mm	02
.193	4.90mm	04
.243	6.17mm	06
.343	8.71mm	08
.393	9.98mm	10

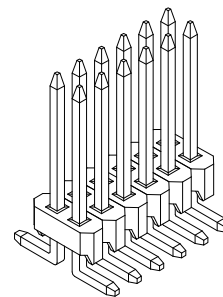
Plating Options	
G	10µ Gold on Contact Area / Flash on Tail
T	Matte Tin All Over
GT	10µ Gold on Contact Area / Matte Tin on Tail
H	30µ Gold on Contact Area / Matte Tin on Tail
F	Gold Flash over Entire Pin

## Specifications

Current Rating: 1.0 Ampere  
 Insulation Resistance: 1000MΩ Min.  
 Dielectric Withstanding: 300V AC  
 Contact Resistance: 20 mΩ Max.  
 Operating 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.  
 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:  
 LSSHS,  
 SMSS,  
 SSHS

Products cut to specific sizes are uncancellable/nonreturnable

Parts are subject to change without notice

TSHSCM-5-DV SERIES

.050x.050 cl Dual Row - Surface Mount  
 Terminal Strip Headers - Vertical - Custom

08 FEB 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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