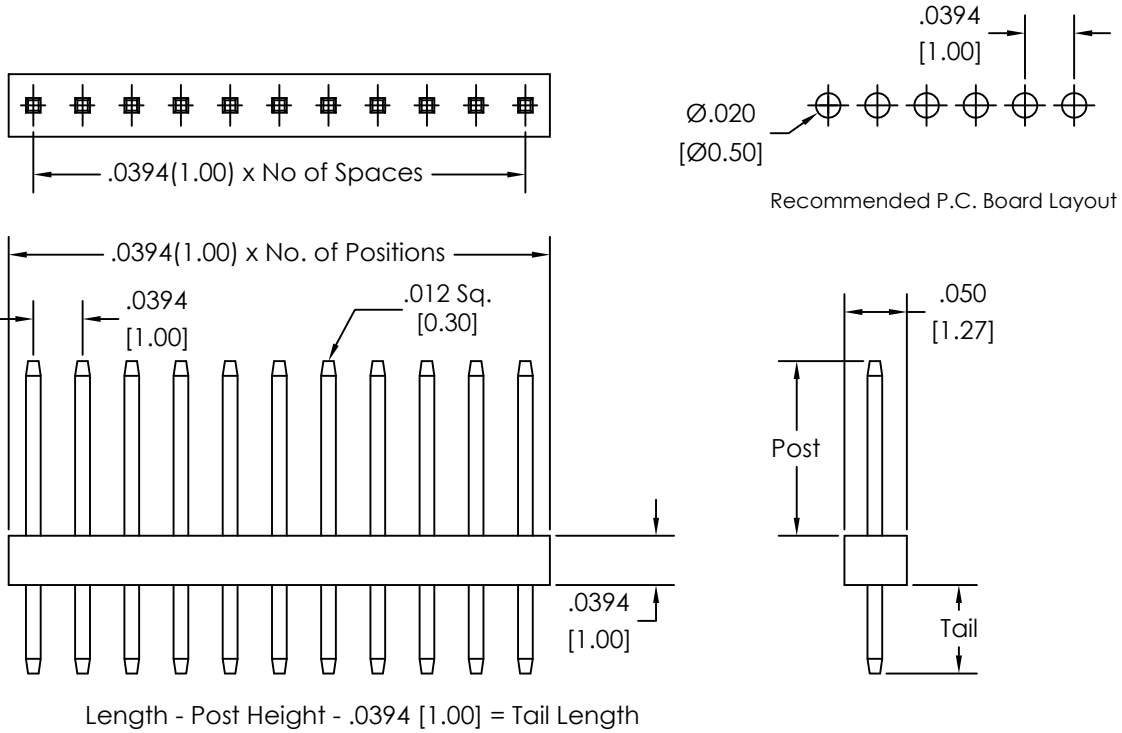


# Major League Electronics .0394 cl Terminal Strip Header - Straight



## Ordering Information

TSHC-7  - S -  -  -  -  -  - LF

Pins Per Row  
02-40

Row Specification  
S = Single Row

Lead Free

Polarized Position  
Leave blank if not needed  
If required, specify empty pin position,  
e.g. 012 for Pin 12

Pin Options				
Max. Post Height		Length		
Inches	MM	Inches	MM	
0.080	2.03	0.216	5.49	04
0.130	3.30	0.266	6.76	06
0.180	4.57	0.316	8.03	08
0.230	5.84	0.366	9.30	10
0.280	7.11	0.416	10.57	12

Plating Options	
F	- Gold Flash over entire Pin
T	- Matte Tin over entire pin

Desired Post Height  
Please specify (See table above for maximum)

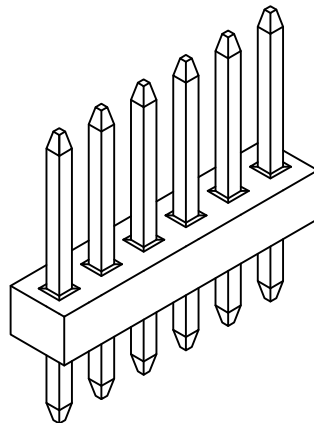
### Specification

#### Electrical:

- Rated Current: 1.0AMP
- Contact Resistance: 20mΩ max
- Withstand Voltage: 300V AC
- Insulation Resistance: 500MΩ min
- Operation Temperature: -40°C to +105°C
- Max. Process Temperature
  - Wave Solder: Solder Temp 260 ±5°C
  - Immersion period: 5 ±5 secs.
- Reflow Solder: Pre-Heat Temp: 100~150°C for 60 secs max.
  - Temperature: min. 210°C for 30 secs max.
  - Peak Temperature: 260 ±5°C, 10 ±5 secs.
- Manual Solder: 245 ±3°C 3~5 secs.

#### Material:

- Contact Material: Phosphor Bronze
- Insulator Material: LCP, UL94V-0



Mates with:  
LSMSS-7

Products cut to specific sizes are uncancellable/nonreturnable

Parts are subject to change without notice

TSHC-7-S SERIES

.0394 cl Single Row - Straight  
Terminal Strip Header

18 NOV 10

Scale  
NTS

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS IN INCHES [MM]  
TOLERANCES ARE:

ONE PLACE DECIMALS ±.008  
TWO PLACE DECIMALS ±.005  
THREE PLACE DECIMALS ±.003  
ANGLES: X, ±3.0° X±2.0°  
.XX±1.0° .XXX±0.5°



4235 Earnings Way, New Albany, Indiana, 47150, USA  
1-800-782-3486 (USA/Canada/Mexico)  
Tel: 812-944-7244  
Fax: 812-944-7268  
E-mail: mle@mlelectronics.com  
Web: www.mlelectronics.com

Revision  
B

Sheet  
1/2

# Revisions

Revision B - (8th Dec 2012)

Plating options amended.

Removed:

FT: Gold Flash On Contact Area / Matte Tin On Tail

Products cut to specific sizes are uncancellable/nonreturnable

Parts are subject to change without notice

TSHC-7-S SERIES

.0394 cl Single Row - Straight  
Terminal Strip Header

18 NOV 10

Scale  
NTS

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS IN INCHES [MM]  
TOLERANCES ARE:

ONE PLACE DECIMALS ±.008

TWO PLACE DECIMALS ±.005

THREE PLACE DECIMALS ±.003

ANGLES: X ±3.0° X ±2.0°  
.XX ±1.0° .XXX ±0.5°



4235 Earnings Way, New Albany, Indiana, 47150, USA  
1-800-782-3486 (USA/Canada/Mexico)

Tel: 812-944-7244

Fax: 812-944-7268

E-mail: [mle@mlelectronics.com](mailto:mle@mlelectronics.com)

Web: [www.mlelectronics.com](http://www.mlelectronics.com)

Revision  
B

Sheet  
2/2