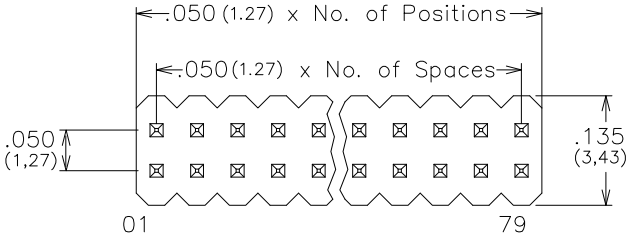
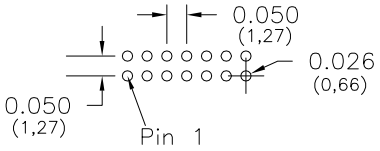
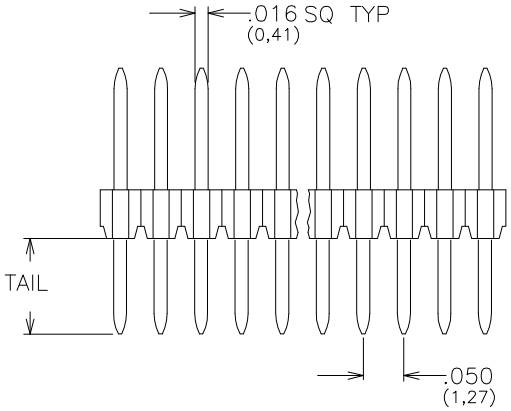
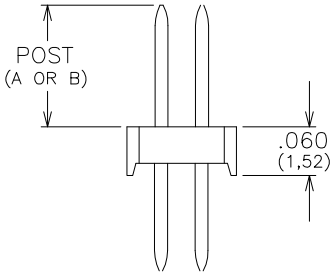
Major League Electronics .050x.050 cl Terminal Strip Headers - Straight





Recommended P.C. Board Layout





Tails may be clipped to achieve desired pin length

Ordering Information

TSHS-5 XX – D – XX – X – XX – XXX – LF

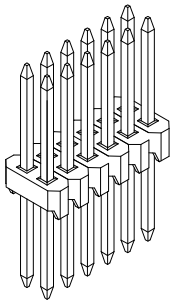
- Pins Per Row: 01 - 40
- Row Specification: D = Dual Row
- Polarized Position: Leave blank if not needed. If required, specify empty pin position, e.g. 012 for Pin 12
- Lead Free
- Post Height: A = .075 (1.91), B = .120 (3.05)

Pin Options						
Tail with .120 Post		Tail with .075 Post		Length		
N/A	N/A	.084	2.13mm	.219	5.56mm	04
.148	3.76mm	.193	4.90mm	.328	8.32mm	06
.250	6.35mm	.295	7.49mm	.430	10.92mm	08
.300	7.62mm	.345	8.76mm	.480	12.19mm	10
.350	8.89mm	.395	10.03mm	.530	13.46mm	12
.400	10.16mm	.445	11.30mm	.580	14.73mm	14
.450	11.43mm	.495	12.57mm	.630	16.00mm	16
.500	12.70mm	.545	13.84mm	.680	17.27mm	18
.550	13.97mm	.595	15.11mm	.730	18.54mm	20
.600	15.24mm	.645	16.38mm	.780	19.81mm	22
.650	16.51mm	.695	17.65mm	.830	21.08mm	24

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.
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:
LSHSS,
SMSS,
SSHS

Products cut to specific sizes are uncancellable/nonreturnable
Parts are subject to change without notice

TSHS-5-D SERIES	.050x.050 cl Dual Row - Straight Terminal Strip Headers	12 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°

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

Edition 1

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