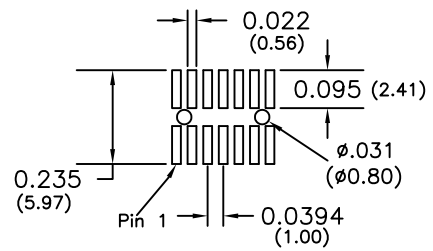
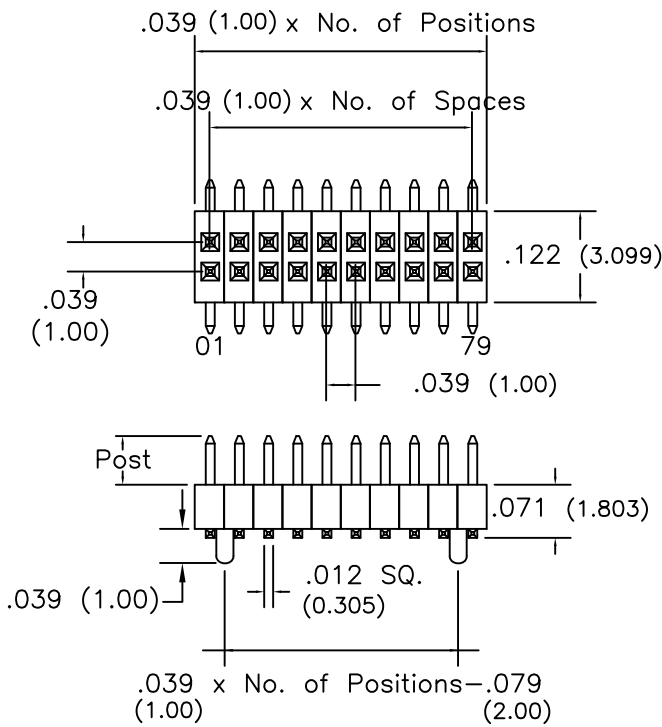
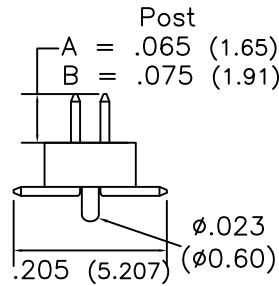


Major League Electronics .039 cl Terminal Strip Headers - Surface Mount - Vertical

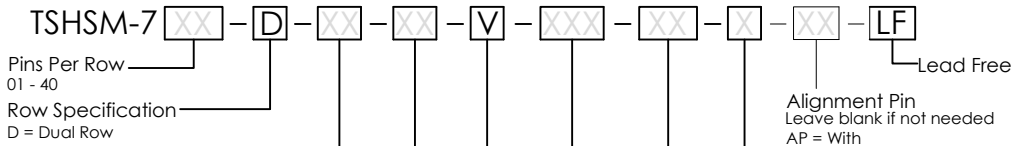


Recommended P.C. Board Layout



Tails may be clipped to achieve desired pin length

Ordering Information



Pin Options		
Post Height		
.065	1.65mm	04
.075	1.91mm	06

Plating Options	
Gold Flash Over Entire Pin	F
200µ Matte Tin All Over	T

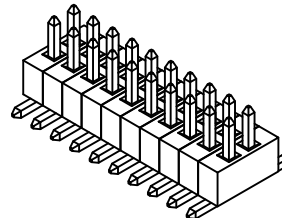
Packing Information
 TR-P = Tape and Reel with Plastic Pick and Place pad
 TB-P = Tube with Plastic Pick and Place pad
 TB-0 = Tube without Pick and Place Pad
 If left blank, packaging at MLE's discretion
 Pad may be metal, mylar or plastic

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

Vertical

Specifications

Current Rating: 1.0 Ampere
 Insulation Resistance: 500MΩ Min.
 Dielectric Withstanding: 200V 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

Products cut to specific sizes are uncancellable/nonreturnable

Parts are subject to change without notice

TSHSM-7-DV SERIES

.039 cl Dual Row - Surface Mount
 Terminal Strip Headers - Vertical

06 MAR 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
 3°



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 Web: www.mlelectronics.com

Revision
 E

Sheet
 1/2

Revisions

Revision E - (16th Dec 2011)

Alignment Pin option added.

Revision D - (8th Dec 2012)

Plating options amended.

Removed:

H: 30 μ Gold on Contact Area / Matte Tin on Tail

G: 10 μ Gold on Contact Area / Flash on Tail

Added:

F: Gold Flash Over Entire Pin

Revision C - (19th Apr 2010)

Change to Specification; From 0.5 Ampere to 1.0 Ampere.

Revision B - (20th Mar 2008)

Amendment to packing options in ordering grid.

Revision A

TR-P = Tape and Reel with Plastic Pick and Place pad

TR-M = Tape and Reel with Metal Pick and Place pad

TR-K = Tape and Reel with Kapton Tape Pick and Place pad

TB-P = Tube with Plastic Pick and Place pad

TB-M = Tube with Metal Pick and Place pad

TB-K = Tube with Kapton Tape Pick and Place pad

TB-0 = Tube without Pick and Place Pad

BK-0 = Bulk without Pick and Place Pad

Revision B

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

TSHSM-7-DV SERIES

.039 cl Dual Row - Surface Mount
Terminal Strip Headers - Vertical

06 MAR 07

Scale
NTS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES (MM)
TOLERANCES ARE:

ONE PLACE DECIMALS \pm .100

TWO PLACE DECIMALS \pm .010

THREE PLACE DECIMALS \pm .005

FOUR PLACE DECIMALS \pm .0020

ANGLES
30°



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Revision
E

Sheet
2/2