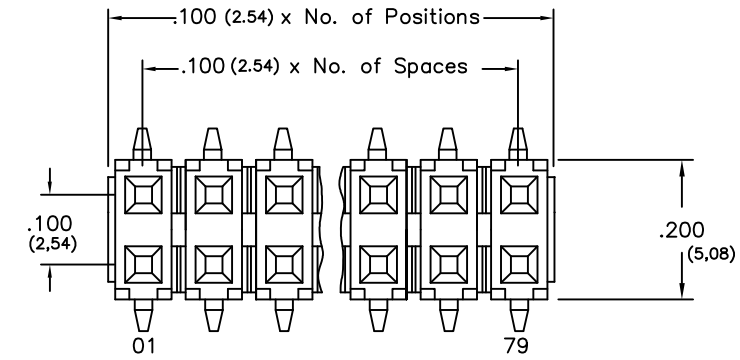
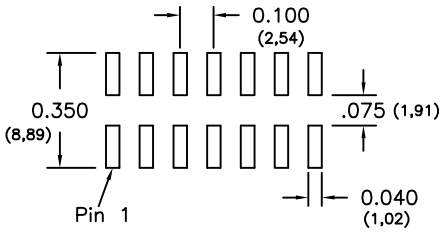
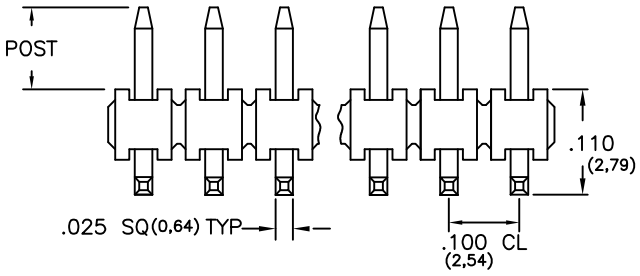
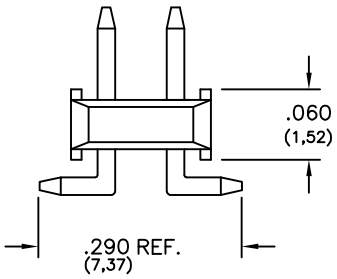
Major League Electronics .100 cl Terminal Strip Headers - Surface Mount Low Profile - Vertical





Recommended P.C. Board Layout





Tails may be clipped to achieve desired pin length

Ordering Information

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

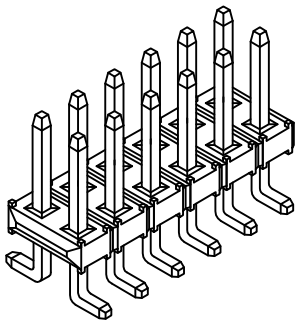
- Pins Per Row: 01 - 40
- Row Specification: D = Dual Row
- Lead Free
- Packing Information
  - TR-P = Tape and Reel with Plastic Pick and Place pad
  - TB-P = Tube with Plastic Pick and Place pad
  - TB-0 = Tube without Pick and Place Pad
  - *If left blank, packaging at MLE's discretion*
  - *Pad may 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	01
.140	3.56mm	02
.175	4.45mm	03
.270	6.86mm	06

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

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

ULTSHSM-1-DV SERIES	.100 cl Single Row - Low Profile - Vertical Terminal Strip Header - Surface Mount	31 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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Edition 1

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