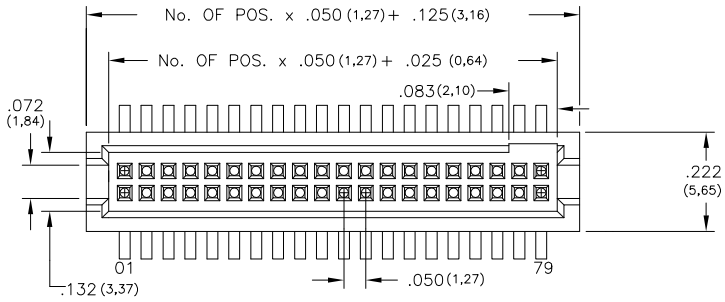
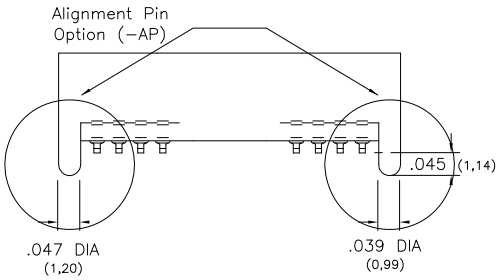
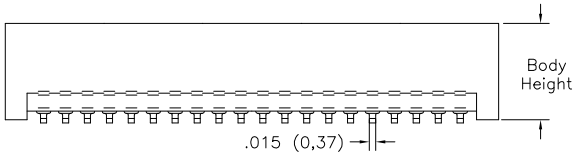
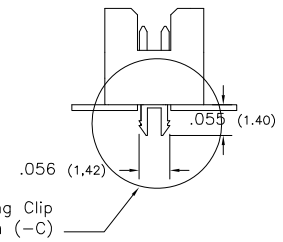
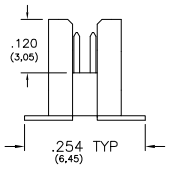
Major League Electronics .050x.050 cl Polarized Terminal Strip - Surface Mount

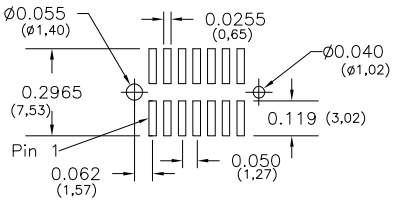












Recommended P.C. Board Layout

Tails may be clipped to achieve desired pin length

Ordering Information

PTSHSM-5 [XX] – [D] – [XX] – [XX] – [XX] – [X] – [XX] – [X] – [LF]

- Pins Per Row: 05 - 40
- Row Specification: D = Dual Row

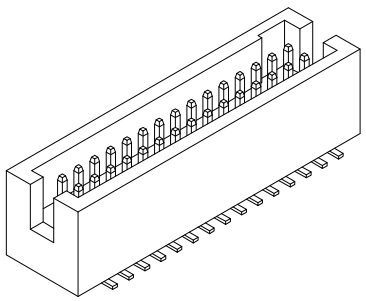
Pin Options		
Body Height		
.224	5.70mm	02
.287	7.30mm	06
.354	9.00mm	10
.433	11.00mm	14

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

- Alignment Pin: AP = With. Leave blank if not needed
- Locking Clip: C = With. Leave blank if not needed
- 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*
- Lead Free

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:
PSSHS,
PSSHSM

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

PTSHSM-5-DH SERIES	.050x.050 cl Dual Row - Surface Mount Polarized Terminal Strip	07 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°

Major League ELECTRONICS

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Edition 1

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