

# ADAM TECH

ADAM TECHNOLOGIES INC.

## POWER HEADERS .156" [3.96] CENTERLINE LHB SERIES

### INTRODUCTION:

Adam Tech LHB series Power Headers feature .045" sq. or round posts on .156" centerlines. Available with or without a polarizing, friction lock back, they provide a fast, economical interconnect system to attach discrete wires to PC boards. Their high current carrying capability (7 Amps) make them suitable for most power applications. The friction lock option in conjunction with our MTB Series wire housings provides a secure latching mechanism and added pin protection.

### FEATURES:

- .045" sq. or round posts
- Available in 2 - 15 positions
- Choose with or without friction lock back

### MATING OPTIONS:

Mates with Adam Tech MTB Series Wire Housing and all industry standard compatible connectors

### SPECIFICATIONS:

#### Material:

Insulator: Nylon 6/6 rated UL 94V-0

Insulator color: Natural

Contacts: Brass

#### Plating:

200  $\mu$ m min tin plate to MIL-P-81728, Type 1 with 50  $\mu$ m min copper underplate to MIL-C-14550

#### Electrical:

Operation voltage: 250 VAC max

Current rating: 7 Amps max

Contact resistance: 50 m $\Omega$  max

Insulation resistance: 5000 M $\Omega$  min @ 1500 VDC between adjacent contacts (75°F and 50% R.H.)

Dielectric withstanding voltage: 1500 VAC min rms (sea level)

#### Mechanical:

Pin push out force: 5 lbs. min

#### Environmental:

Operating temperature: -65°C to +125°C

#### PACKAGING:

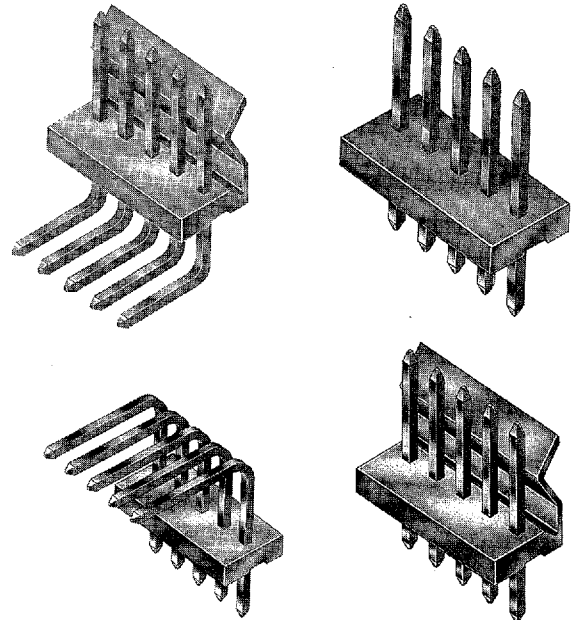
Bulk-packed in anti-static plastic bags

#### APPROVALS AND CERTIFICATIONS:

Recognized under the component program

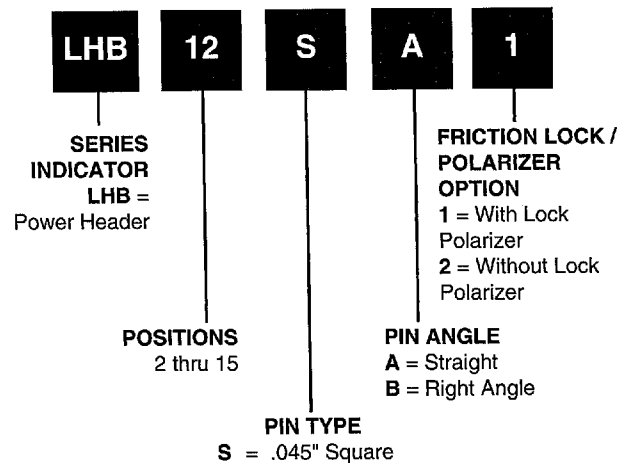
of Underwriters Laboratories, Inc. No. E167232

Certified by Canadian Standards Association No. LR75112



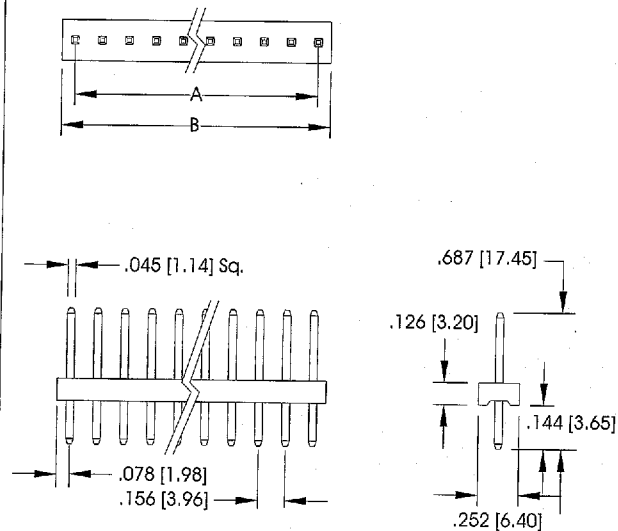
### ORDERING INFORMATION

#### POWER HEADER

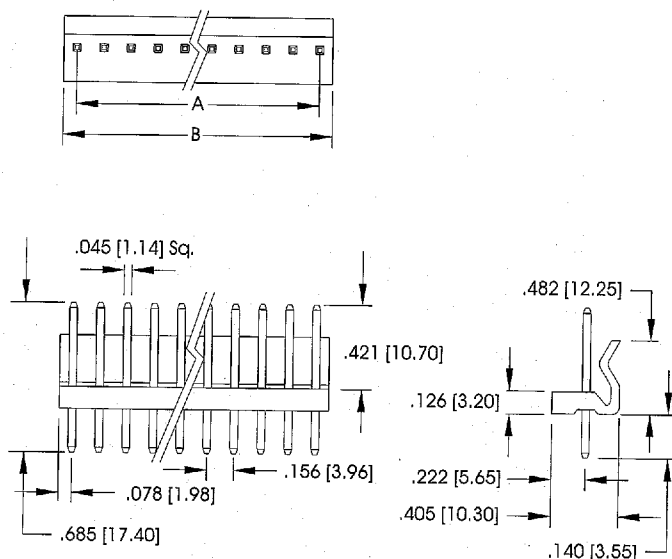


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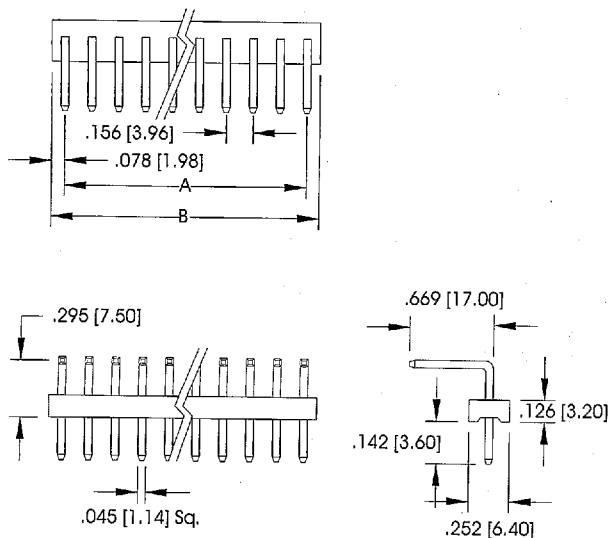
### STRAIGHT WITHOUT LOCK/POLARIZER



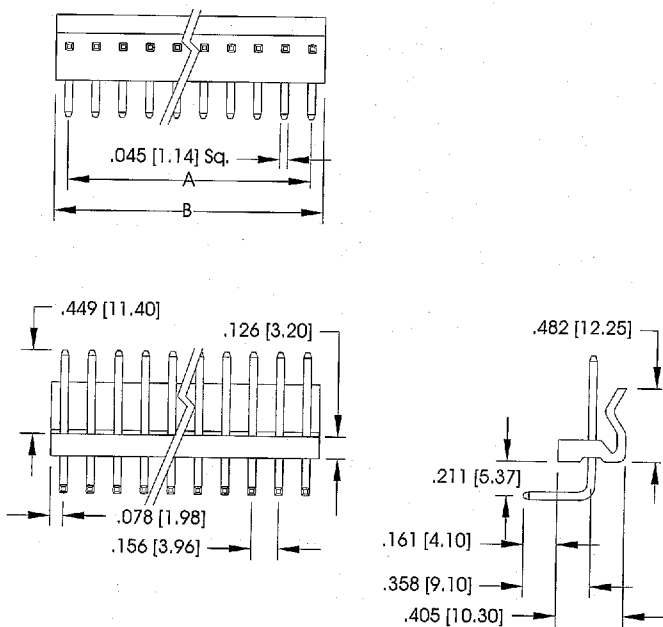
### STRAIGHT WITH LOCK/POLARIZER



### RIGHT ANGLE WITHOUT LOCK/POLARIZER

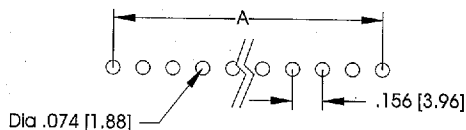


### RIGHT ANGLE WITH LOCK/POLARIZER



A = .156 [3.96] x No. of Spaces  
 B = .156 [3.96] x No. of Spaces + .156 [3.96]

### PC Board Layout



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