

## .100" HEADER & HOUSING SETS

.100" [2.54] CENTERLINE SINGLE & DUAL ROW  
LHA, LHS, MTA, MTS & HHS SERIES

### INTRODUCTION:

Adam Tech's Latching Header & Housing sets were designed to attach wires to a PCB. This series features a friction locking header which mates to a polarized wire housing with crimp contacts. This set provides a secure, easy to mate connection with superior electrical characteristics.

### FEATURES:

Precision .025" sq. posts  
Secure friction lock  
Polarized anti-vibration design  
Available in 2 - 20 positions

### MATING CONNECTORS:

All industry standard .100 centerline compatible latching headers and housings

### SPECIFICATIONS:

#### Material:

Insulator: Nylon 66, rated UL94V-2  
Insulator Color: White  
Contacts: Phosphor bronze and Brass

#### Contact Plating:

Tin over copper underplate overall

#### Electrical:

Operating voltage: 250V AC max.  
Current rating: 3 Amps max.  
Insulation resistance: 1000 MΩ min.  
Dielectric withstanding voltage: 500V AC for 1 minute

#### Mechanical:

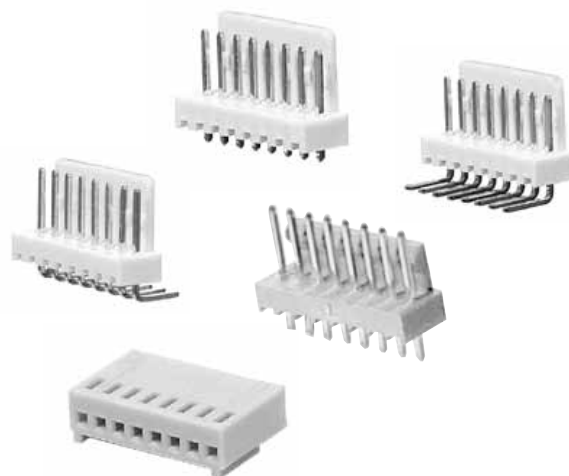
Recommended wire size: 22 to 28 Awg with .059" O.D. insulation max.  
Temperature Rating:  
Operating temperature: -25°C to +85°C

### PACKAGING:

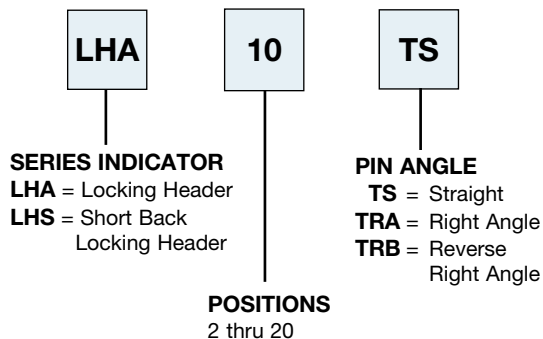
Anti-ESD plastic bags

### SAFETY AGENCY APPROVALS:

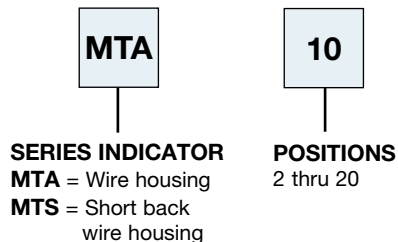
UL Recognized & CSA Certified, File no. E224053



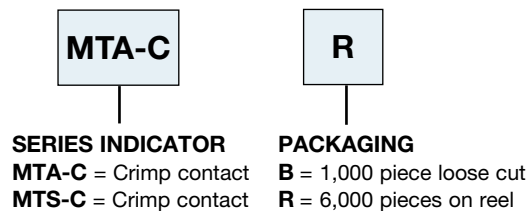
### ORDERING INFORMATION FRICTION LOCK HEADER



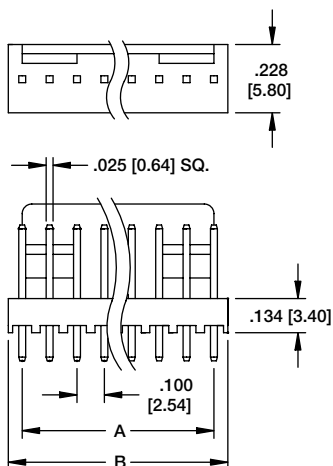
### HOUSING



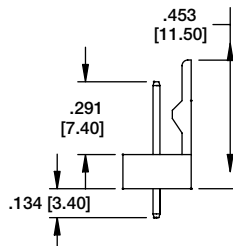
### CRIMP CONTACT



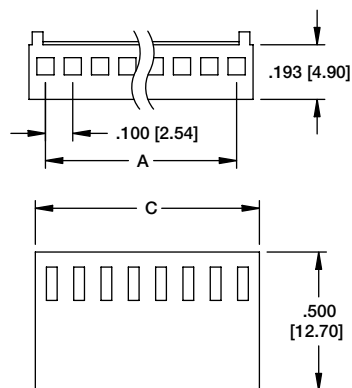
### LHA STRAIGHT



LHA-08-TS

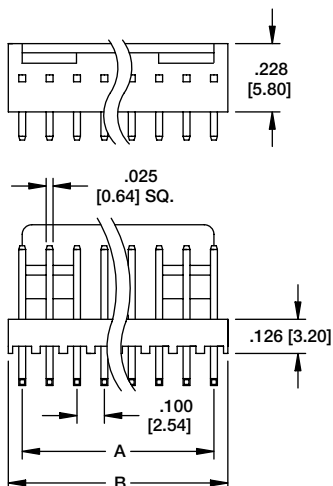


### MTA HOUSING

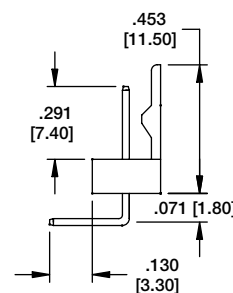


MTA-08

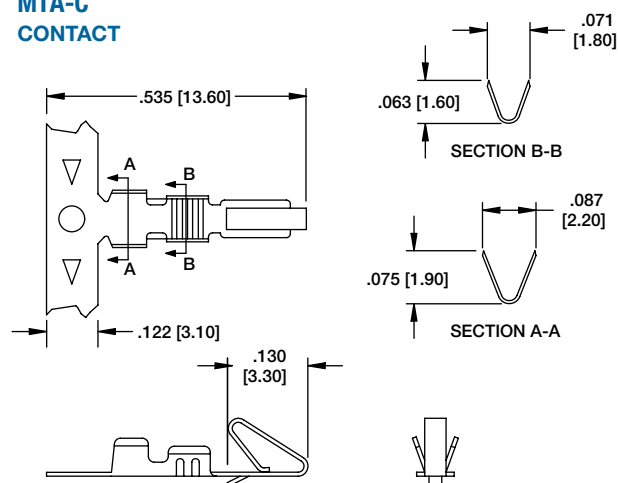
### LHA RIGHT ANGLE



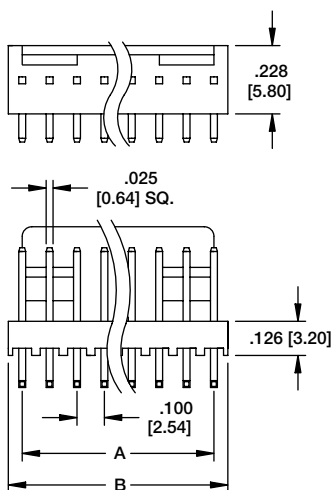
LHA-08-TRA



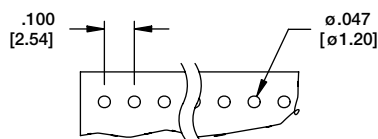
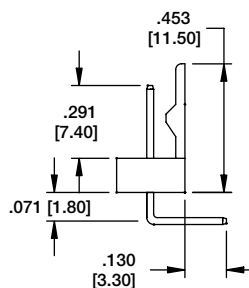
### MTA-C CONTACT



### LHA REVERSE RIGHT ANGLE



LHA-08-TRB



Recommended PCB Layout

A = .100 [2.54] x No. of Spaces  
B = .100 [2.54] X No. of Spaces + .100 [2.54]  
C = .100 [2.54] X No. of Spaces + .122 [3.11]