

**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:**

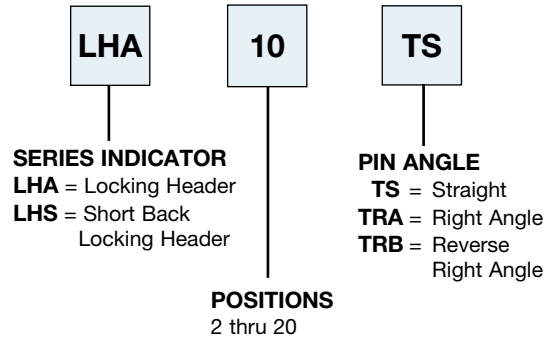
Anti-ESD plastic bags

**SAFETY AGENCY APPROVALS:**

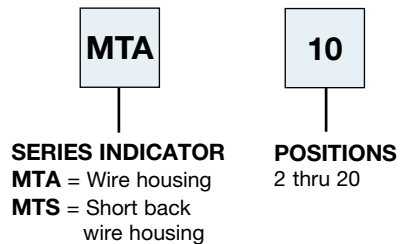
UL Recognized & CSA Certified, File no. E224053



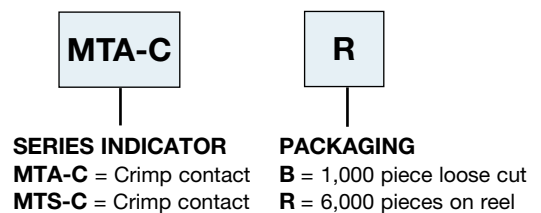
**ORDERING INFORMATION  
FRICTION LOCK HEADER**



**HOUSING**



**CRIMP CONTACT**



<p><b>LHA STRAIGHT</b></p> <p><b>LHA-08-TS</b></p>	<p><b>MTA HOUSING</b></p> <p><b>MTA-08</b></p>
<p><b>LHA RIGHT ANGLE</b></p> <p><b>LHA-08-TRA</b></p>	<p><b>MTA-C CONTACT</b></p>
<p><b>LHA REVERSE RIGHT ANGLE</b></p> <p><b>LHA-08-TRB</b></p>	<p><b>Recommended PCB Layout</b></p> <p>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]</p>