

**INTRODUCTION:**

Adam Tech Friction Lock Header & Housing set was 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:**

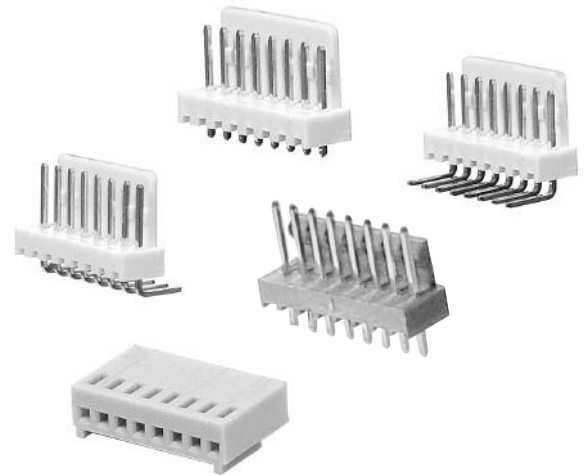
Operating temperature: -40°C to +105°C

**PACKAGING:**

Anti-ESD plastic bags

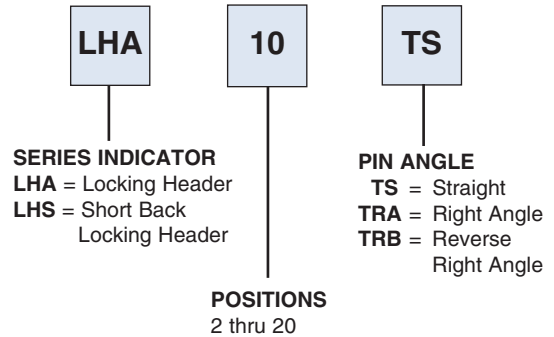
**SAFETY AGENCY APPROVALS:**

- UL Recognized File No. E224053
- CSA Certified File No. LR1578596

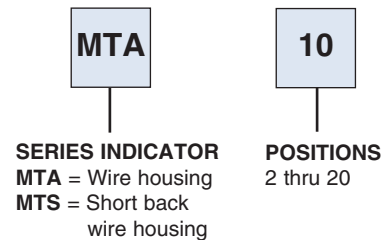


**ORDERING INFORMATION**

**FRICTION LOCK HEADER**



**HOUSING**



**CRIMP CONTACT**

