

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:

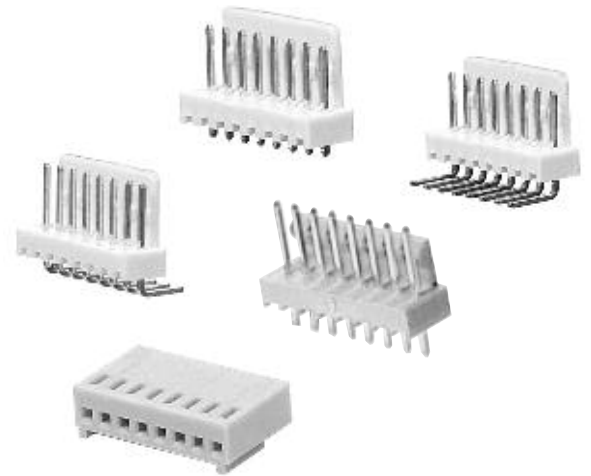
Operating temperature: -25°C to +85°C

PACKAGING:

Anti-ESD plastic bags

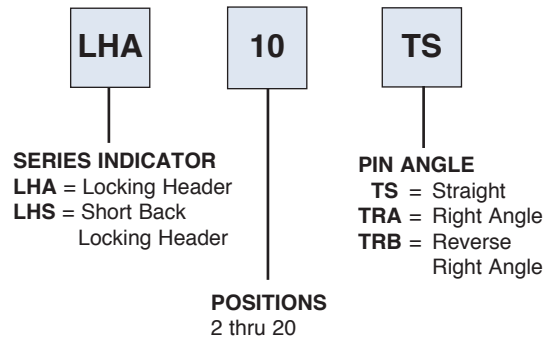
SAFETY AGENCY APPROVALS:

UL Recognized & CSA Certified, File no. E224053

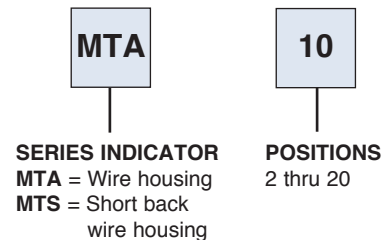


ORDERING INFORMATION

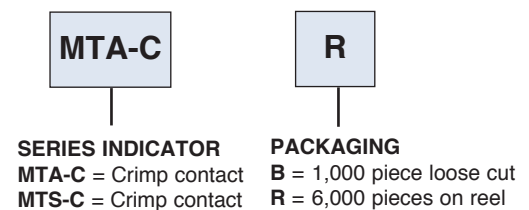
FRICTION LOCK HEADER



HOUSING



CRIMP CONTACT



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