# ADAM TECH

Adam Technologies, Inc.

## .100" HEADER & HOUSING CONNECTOR SYSTEM LHA, LHS, MTA & MTS SERIES

#### **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 M $\Omega$  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:**

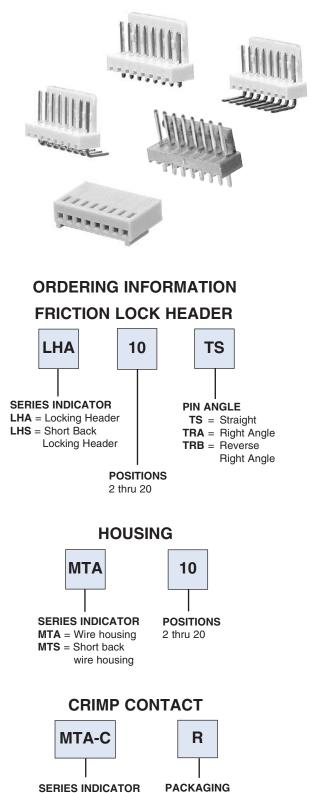
Operating temperature: -40°C to +105°C

#### PACKAGING:

Anti-ESD plastic bags

#### SAFETY AGENCY APPROVALS:

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





**MTA-C** = Crimp contact **MTS-C** = Crimp contact  $\mathbf{R}$  = 6,000 pieces on reel

 $\mathbf{B} = 1,000$  piece loose cut