

# .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

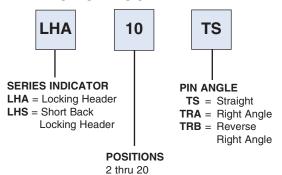
# **SAFETY AGENCY APPROVALS:**

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

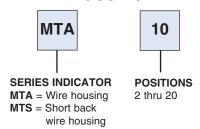




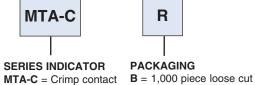
# **ORDERING INFORMATION** FRICTION LOCK HEADER



# HOUSING



# CRIMP CONTACT



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