

.100" HEADER & HOUSING CONNECTOR SYSTEM LHA & MTA SERIES

INTRODUCTION:

Adam Tech LHA & MTA series 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 crimp contact wire housing. 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:

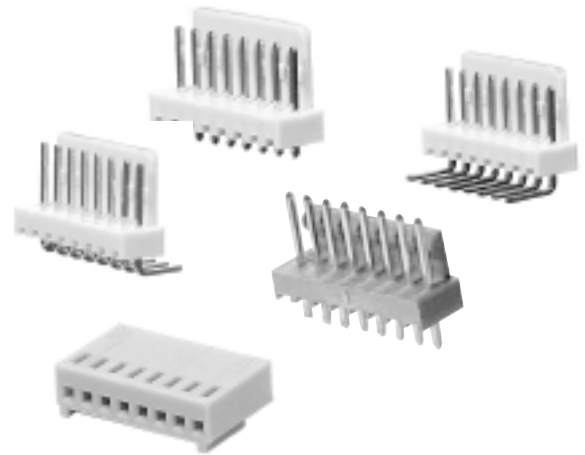
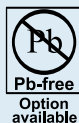
Operating temperature: -40°C to +105°C

PACKAGING:

Anti-ESD plastic bags

SAFETY AGENCY APPROVALS:

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



ORDERING INFORMATION

FRICITION LOCK HEADER



SERIES INDICATOR
LHA = Locking Header
LHS = Short Back Locking Header

PIN ANGLE
TS = Straight
TRA = Right Angle
TRB = Reverse Right Angle

POSITIONS
2 thru 20

HOUSING



SERIES INDICATOR
MTA = Wire housing
MTS = Short back wire housing

POSITIONS
2 thru 20

CRIMP CONTACT



SERIES INDICATOR
MTA-C = Crimp contact
MTS-C = Crimp contact

PACKAGING
B = 1,000 piece loose cut
R = 6000 pieces on reel

OPTIONS:

Add designator(s) to end of part number

RC = RoHS compliant lead-free product with Hi-Temp insulator

