.100" HEADER & HOUSING SETS

.100" [2.54] CENTERLINE SINGLE & DUAL ROW
LHA, LHS, MTA, MTS & HHS SERIES

INTRODUCTION:
Adam Tech's Latching Header & Housing sets were 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

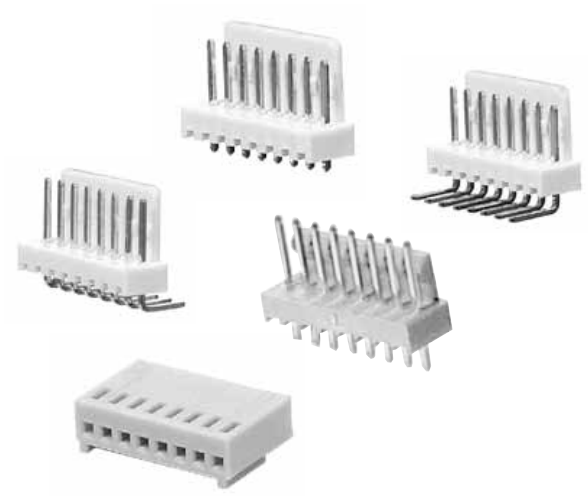
Contact Plating:
Tin over copper underplate overall

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

LHA	10	TS
SERIES INDICATOR **LHA** = Locking Header **LHS** = Short Back Locking Header	**POSITIONS** 2 thru 20	**PIN ANGLE** **TS** = Straight **TRA** = Right Angle **TRB** = Reverse Right Angle

HOUSING

MTA	10
SERIES INDICATOR **MTA** = Wire housing **MTS** = Short back wire housing	**POSITIONS** 2 thru 20

CRIMP CONTACT

MTA-C	R
SERIES INDICATOR **MTA-C** = Crimp contact **MTS-C** = Crimp contact	**PACKAGING** **B** = 1,000 piece loose cut **R** = 6,000 pieces on reel

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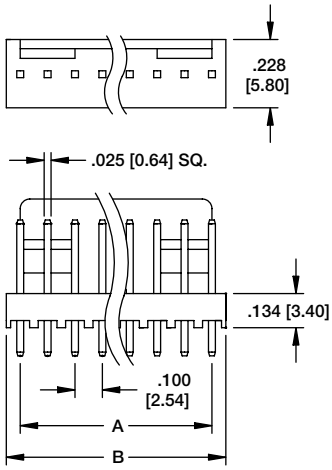
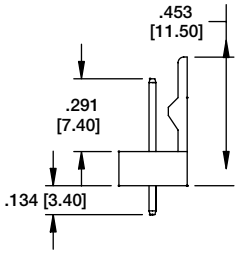
LHA & MTA SERIES

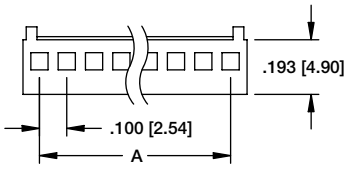
LHA
STRAIGHT



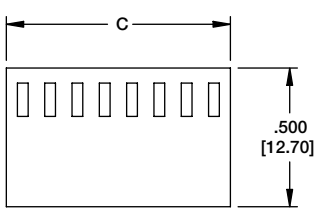
LHA-08-TS

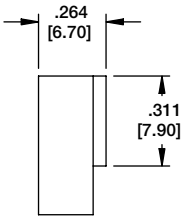


MTA
HOUSING

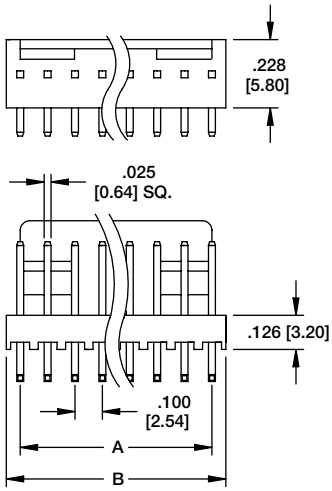


MTA-08

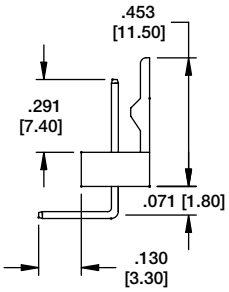




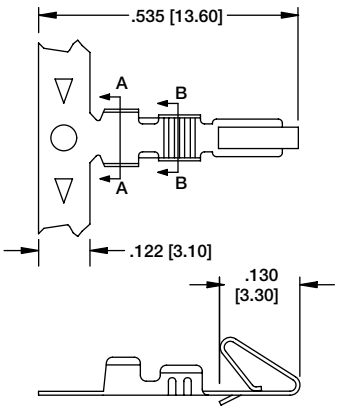
LHA
RIGHT ANGLE

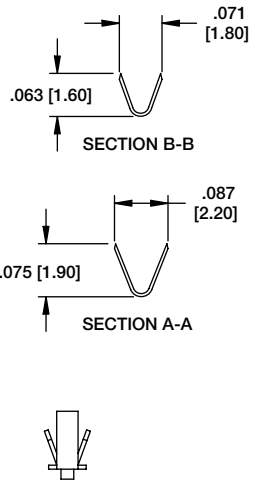


LHA-08-TRA

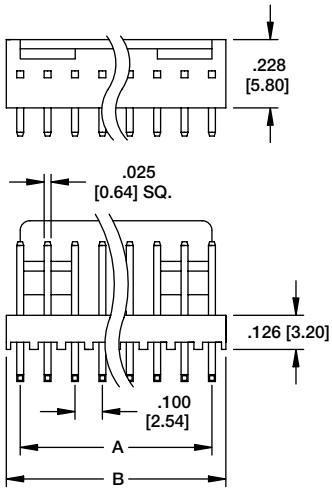


MTA-C
CONTACT

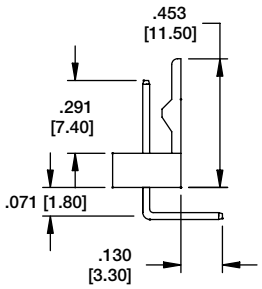


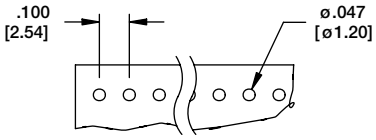


LHA
REVERSE RIGHT ANGLE



LHA-08-TRB





Recommended PCB Layout

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]

.100" HEADER & HOUSING SETS

.100" [2.54] CENTERLINE SINGLE & DUAL ROW
LHS & MTS SERIES

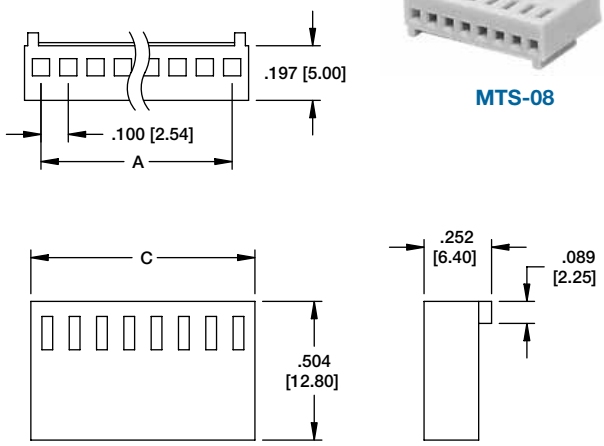
LHS
STRAIGHT PCB MOUNT

LHS-08-TS

A = .100 [2.54] x No. of Spaces
B = .100 [2.54] X No. of Spaces + .104 [2.65]

MTS
HOUSING

MTS-08



A = .100 [2.54] x No. of Spaces
B = .100 [2.54] X No. of Spaces + .104 [2.65]

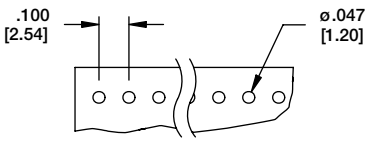
LHS
RIGHT ANGLE PCB MOUNT

LHS-08-TRA

A = .100 [2.54] x No. of Spaces
B = .100 [2.54] X No. of Spaces + .104 [2.65]

MTS-C
CRIMP CONTACTS

MTS-C-R



Recommended PCB Layout

A = .100 [2.54] x No. of Spaces
B = .100 [2.54] X No. of Spaces + .104 [2.65]