.156" HEADER & HOUSING

.156" [3.96] CENTERLINE

LHB, LHC, LHD & MTB SERIES

INTRODUCTION:
Adam Tech .156" Headers and Housings are two matched sets of Crimp Wire Housings and PCB mounted Latching Headers available in Straight and Right Angle orientation. This system is available with a front locking header, a rear locking header or without a locking feature. Each of the locking types are polarized to fit in only one direction with the housing. This system provides a sturdy, high current, high reliability connection with or without the polarized locking option.

FEATURES:
Matched Latching Housing & Header system
Straight, Right Angle mounting Headers
Choice of Two Latching Types
Housings feature High pressure, Low insertion force contacts

MATING CONNECTORS:
Adam Tech MTB series and all industry standard latching type .156 [3.96mm] centers

SPECIFICATIONS:

Material:
Insulator: Nylon 66, rated UL94V-2
Insulator Color: Natural
Contacts: Phosphor bronze and Brass

Contact Plating:
Tin over copper underplate overall

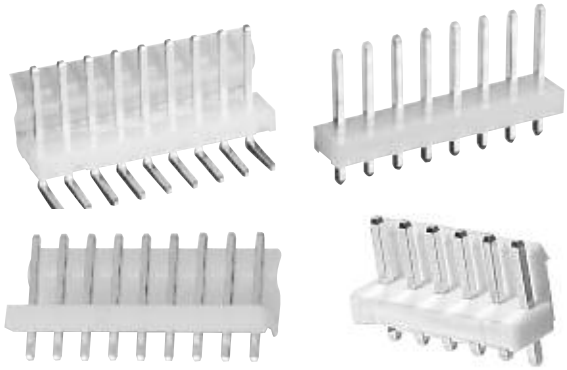
Electrical:
Operation voltage: 250V AC max.
Current rating: 5 Amp max.
Insulation resistance: 1000 MΩ min.
Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:
Recommended wire size: 18 to 24 Awg

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

PACKAGING:
Anti-static plastic bags

APPROVALS AND CERTIFICATIONS:
UL Recognized & CSA Certified, File no. E224053



POWER HEADER

LHB	12	S	A	1

SERIES INDICATOR
LHB = Power Header

POSITIONS
2 thru 20

PIN TYPE
S = Square Post

PIN ANGLE
A = Straight
B = Right Angle

FRICTION LOCK / POLARIZER OPTION
1 = With Lock Polarizer
2 = Without Lock Polarizer

POWER HEADER

LHC	10	TS

SERIES INDICATOR
LHC = Locking Header
LHD = Short Back Locking Header

POSITIONS
2 thru 20

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

HOUSING

MTB	12

SERIES INDICATOR
MTB = Wire housing
MTC = Latching Housing

POSITIONS
2 thru 20

CRIMP CONTACT

MTB-C	R

SERIES INDICATOR
MTB-C = Crimp contact
MTC-C = Crimp contact

PACKAGING
B = 1000 pieces loose cut
R = 6000 pieces on reel

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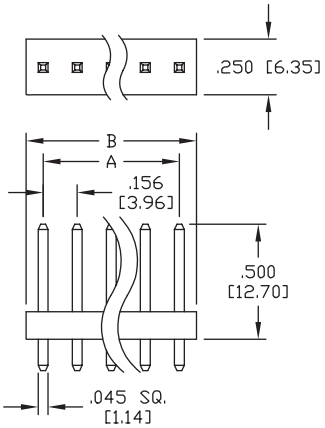
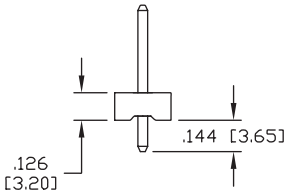
.156" [3.96] CENTERLINE

LHB & MTB SERIES

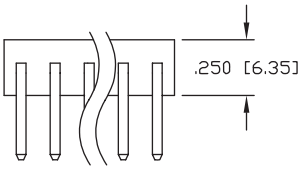
LHB
STRAIGHT WITHOUT BACK



LHB-08-SA2



LHB
RIGHT ANGLE WITHOUT BACK



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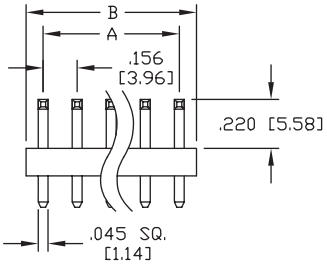
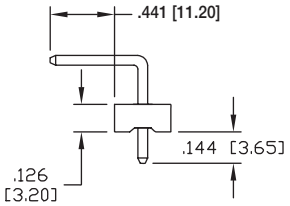
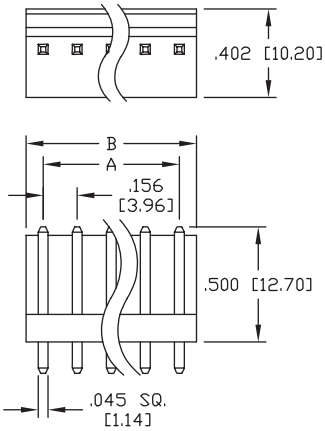
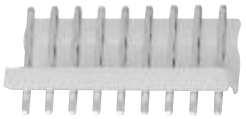


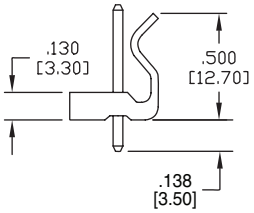


LHB
STRAIGHT WITH BACK

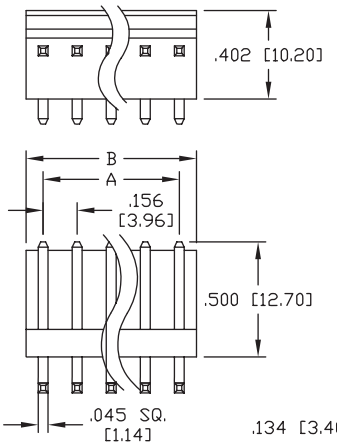




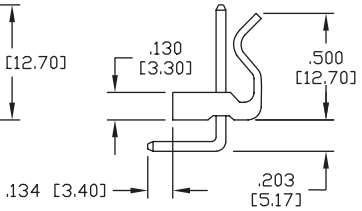
LHB-09-SA1



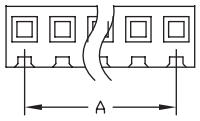
LHB
RIGHT ANGLE WITH BACK

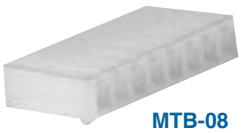


LHB-09-SB1

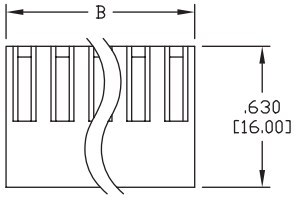


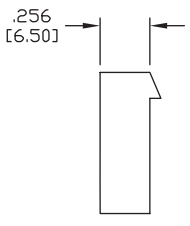
MTB
CRIMP HOUSING





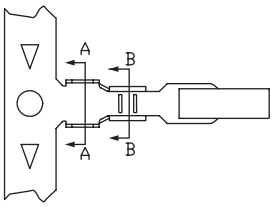
MTB-08

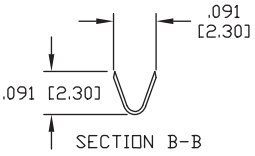


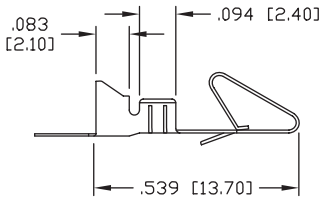


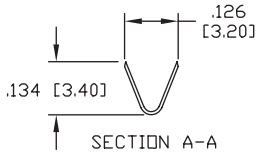
A = .156 [3.96] x No. of Spaces
B = .156 [3.96] X No. of Positions

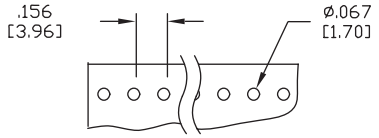
MTB
CRIMP CONTACT











Recommended PCB Layout

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