

INTRODUCTION:

Adam Tech BHRE Series Elevated Box Headers provide all of the advantages of our standard Box Headers such as our Low Profile design, snug fit & polarized mating but have additional plastic insulators in place to stabilize rows of pins for stacking applications. This series is available in Straight, Right Angle & SMT mounting with standard or customer specified Stacking Heights and PCB tail lengths.

FEATURES:

Elevated for Stacking applications
Low Profile design
Straight, Right Angle & SMT mounting options
Standard or customer specified Stacking Heights & PCB tail lengths

MATING SOCKETS:

Adam Tech .100" X .100" dual row IDC sockets

SPECIFICATIONS:

Material:

Insulator: PBT, glass reinforced, rated UL94V-0
Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0
Insulator Color: Black (Gray optional)
Contacts: Brass

Plating:

U = Gold over nickel underplate
SG = Gold over nickel underplate on contact area, tin over copper underplate on tails.
T = Tin over copper underplate overall

Electrical:

Operating voltage: 250V AC max.
Current rating: 1 Amp max
Contact resistance: 20 mΩ max. initial
Insulation resistance: 5000 MΩ min.
Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Mating durability: 500 cycles min.

Temperature Rating:

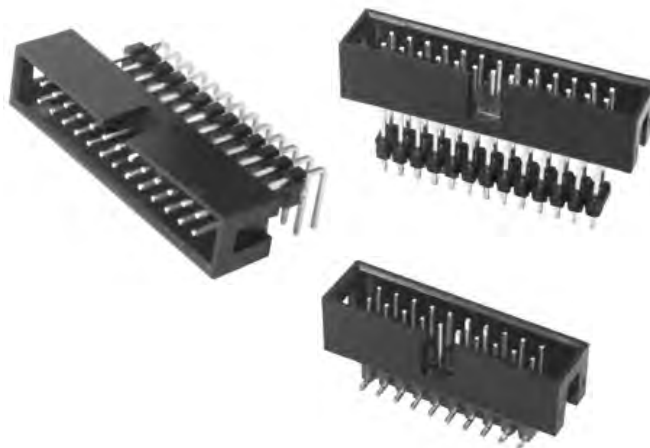
Operating temperature: -40°C to +105°C

PACKAGING:

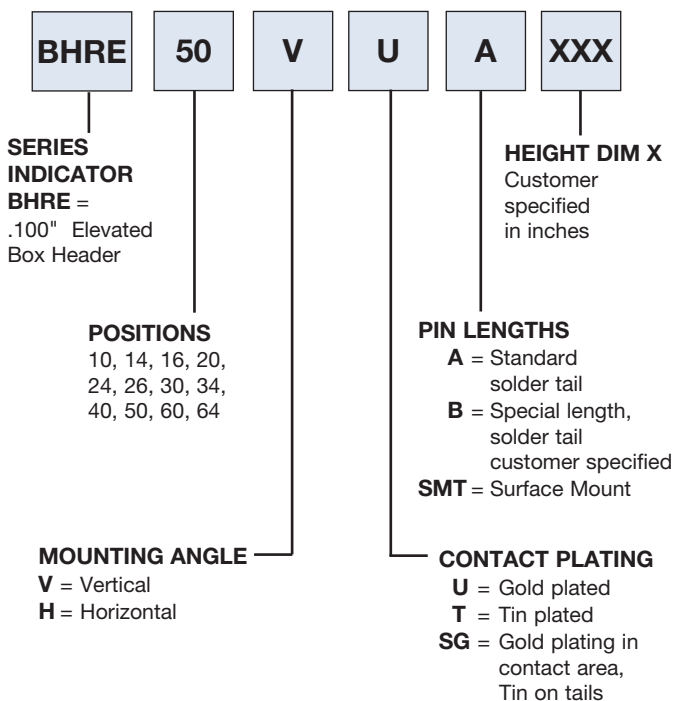
Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:

UL Recognized File no. E224053



ORDERING INFORMATION



OPTIONS:

Add designator(s) to end of part number

30 = 30u" Gold on contact area

GY = Gray color insulator

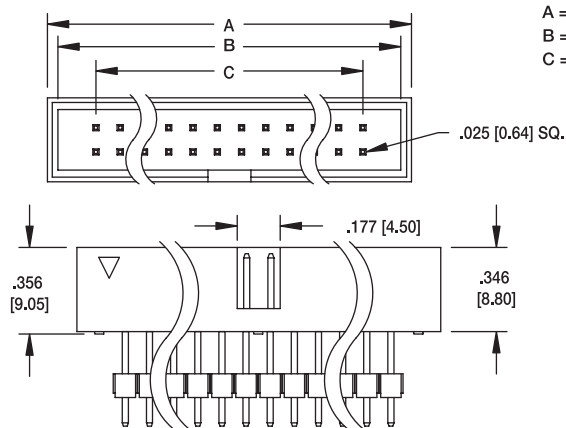
HT = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C (Add this option for thru-hole products only.)

All SMT products are manufactured with Hi-Temp insulators)

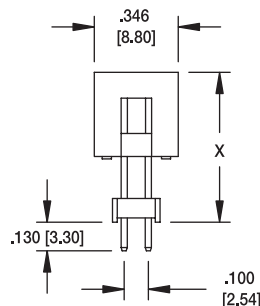


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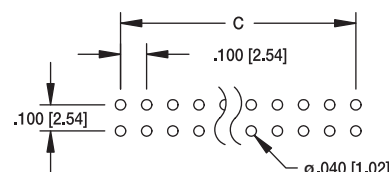
ELEVATED STRAIGHT PCB MOUNT



A = .100 [2.54] X No. of Positions / 2 + .300 [7.62]
B = .100 [2.54] X No. of Positions / 2 + .200 [5.08]
C = .100 [2.54] X No. of Spaces

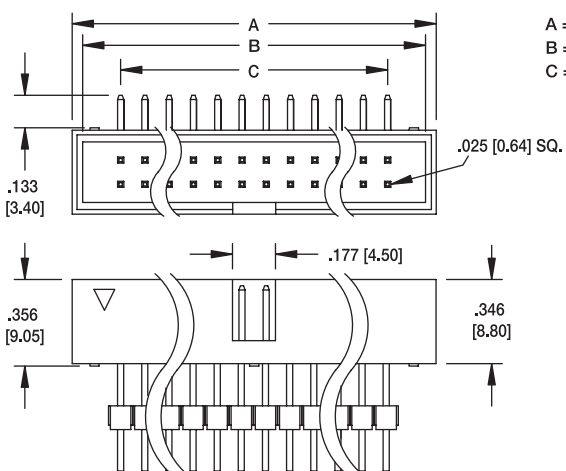


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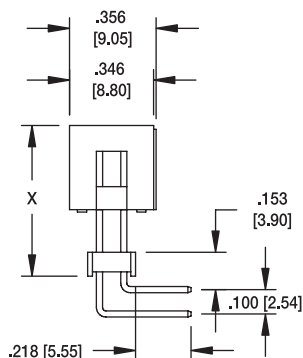


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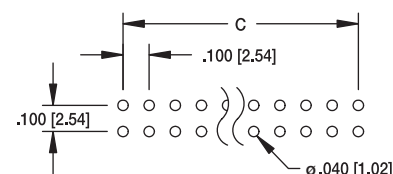
ELEVATED RIGHT ANGLE PCB MOUNT



A = .100 [2.54] X No. of Positions / 2 + .300 [7.62]
B = .100 [2.54] X No. of Positions / 2 + .200 [5.08]
C = .100 [2.54] X No. of Spaces

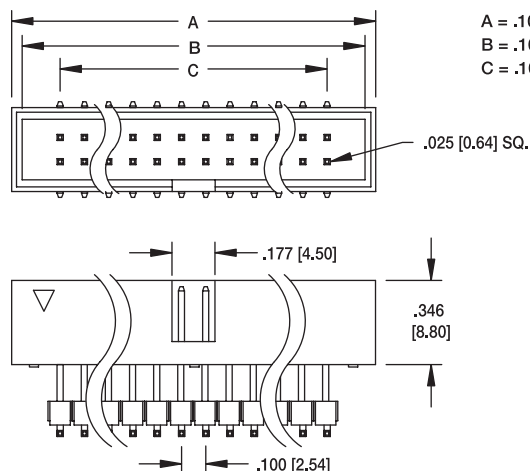


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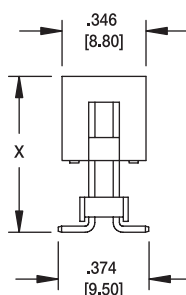


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ELEVATED SMT



A = .100 [2.54] X No. of Positions / 2 + .300 [7.62]
B = .100 [2.54] X No. of Positions / 2 + .200 [5.08]
C = .100 [2.54] X No. of Spaces



BHRE-20-VU-SMT-.477

