

# ADAM TECH .100" ELEVATED BOX HEADERS

.100" X .100" [2.54 X 2.54] CENTERLINE

#### INTRODUCTION:

Adam Tech BHR 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 reinforeced, rated UL94V-0 Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0

Insulator Color: Black (Gray optional)

Contacts: Brass

#### PLATING:

U = Gold flash (30u" optional) over nickel underplate SG = Gold flash (30u" optional) 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 mΩmax. initial Insulation resistance: 5000 M $\Omega$ min.

Dielectric withstanding voltage: 1000V AC for 1 minute

# **MECHANICAL:**

Mating durability: 500 cycles min.

# **TEMPERATURE RATING:**

Operating temperature: -55°C to +105°C

# **PACKAGING:**

Anti-ESD plastic trays

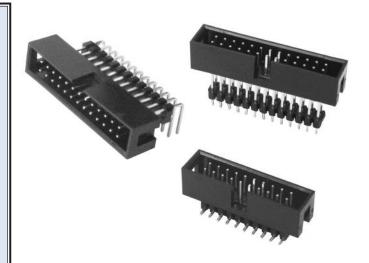
# **SAFETY AGENCY APPROVALS:**

**UL** Recognized **CSA** Certified

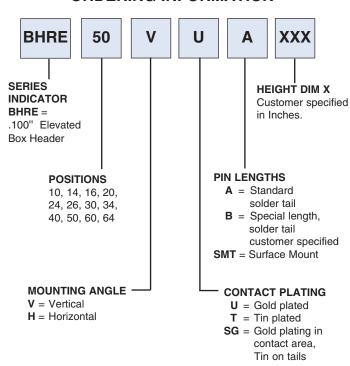








# ORDERING INFORMATION



#### **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)