.100" BOX HEADERS

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

BHR SERIES

INTRODUCTION:
Adam Tech BHR Series .100" Box Headers are a dual row shrouded header for use with dual row IDC female socket connectors. Our low profile, space saving design has a center slot for the socket's polarization bump. Adam Tech's Box Headers are available in Straight PCB Mount, Right Angle PCB Mount and SMT Mounting. Plating options include choice of Gold, Tin or Selective Gold. SMT versions are manufactured with a Hi-Temp insulator. Additional options include latches and custom pin lengths.

FEATURES:
Superior low profile design
Slot for IDC socket Polarization bump
Straight PCB, Right Angle PCB and SMT versions
Gold, Tin or Selective Gold plating
Options include Elevated types and integral latches
Hi-Temp insulator available

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 mΩ max. initial
Insulation resistance: 5000 MΩ min.
Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Mating durability: 500 cycles min.

Temperature Rating:

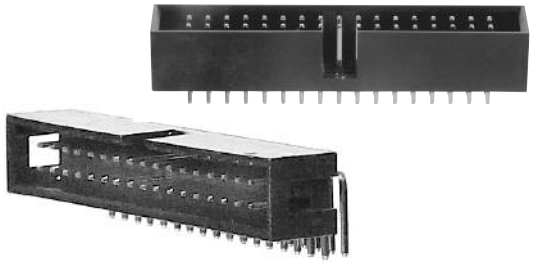
Operating temperature: -55°C to +105°C

PACKAGING:
Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:
UL Recognized File No. E224053
CSA Certified File No. LR1578596

RoHS COMPLIANT

HI-TEMP INSULATOR AVAILABLE



ORDERING INFORMATION

BHR	50	V	U	A

SERIES INDICATOR
BHR = .100" Box Header

NO. OF POSITIONS
08, 10, 14, 16, 20, 24, 26, 30, 34, 40, 44, 50, 60, 64

MOUNTING ORIENTATION
V = Straight Mount
H = Right Angle Mount

CONTACT PLATING
U = Gold Plated
T = Tin Plated
SG = Gold Plating in contact area, tin plated tails

PIN LENGTH
A = Standard solder tail
B = Special length, customer specified
SMT = Surface Mount

OPTIONS:
Add designator(s) to end of part number
LL =Box header with long latches
SL =Box header with short latches
30 =30 µin gold plating in 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)*