

.100" BOX HEADERS

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

INTRODUCTION:

ADAM TECHNOLOGIES

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, rated UL94V-0

(Hi-Temp Nylon for surface mount)

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 m Ω max. initial Insulation resistance: 5000 M Ω 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



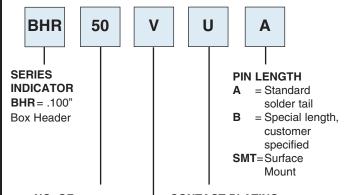








ORDERING INFORMATION



NO. OF POSITIONS

10, 14, 16, 20, 24, 26, 30, 34, 40, 44, 50, 60, 64

CONTACT PLATING

U = Gold PlatedT = Tin Plated

SG = Gold Plating in contact area, tin plated tails

MOUNTING ORIENTATION

V = Straight MountH = Right Angle Mount

OPTIONS:

Add designator(s) to end of part number **30** = 30 µin gold plating in contact area

GY = Gray color insulator

M = Metal latches

RC = RoHS compliant lead-free product with Hi-Temp insulator



ADAM TECHNOLOGIES

POWER CORDSETS

NORTH AMERICAN & INTERNATIONAL **POWER CORDS**

INTRODUCTION:

Adam Tech PC Series International Power Cordset series offers a wide range of cordsets with numerous international approvals for worldwide applications. Each is approved for use by all of the major safety organizations such as UL, CSA & VDE. This series is available in a wide range of cord types with choice of wire gauge and various shielding options. We offer numerous standard Power Cords designed to comply with specific world market requirements and an unlimited variety of custom cords manufactured to our customers specifications.

Sturdy, high reliability designs Worldwide Safety agency approvals Standard and Custom Power Cords Choice of cord types and shielding options

MATING CONNECTORS:

Adam Tech IEC series & power line filters, all international IEC 60320 power connectors.

SPECIFICATIONS:

Material:

Outer Jacket Color: Black, other colors optional

Temperature Rating:

Outer Jacket Temperature: 60°C (75°C and 105°C optional)

PACKAGING:

Corrugated boxes

SAFETY AGENCY APPROVALS:

UL/CSA Recognized File No. E167153 VDE Approved













C

WIRE AWG

A = 14 AWG

B = 16 AWG

C = 18 AWG

G = H03 & H05



ORDERING INFORMATION



SERIES INDICATOR PC = Power Cord

01 02



LENGTH

(Specified in ft/in) 060 = 6 FT 0 IN **076** = 7 FT 6 IN

State length as required

CORD TYPE

A

 $A = SVT, 60^{\circ}C$ $\mathbf{B} = \mathrm{SJT}.~60^{\circ}\mathrm{C}$

C = SJTW

D = SJTW-A

 $\mathbf{E} = \text{SPT-1}$

 $\mathbf{F} = SPT-2$

G = SPT-3

H = H03VV-F 3X0.75mm I = H05VV-F 3X0.75mm

J = H05VV-F 3X1.0mm

K = H03VV-H 2X0.75mmL = H05VV-F 3X0.75mm

M = SPT-1 NON-INTEGRAL

N = SPT-2 NON-INTEGRAL R = SJT, CEE

S = SVT. CEE Q = SJT, 105°C

V = SVT, 105°C

0

JACKET

COLOR 3 = Black **4** = Gray 5 = Beige

3

6 = White

SHIELDING 0 = Non Shielded

F = Foil Shield

S = Copper Braid and Foil Shield

PLUG & SOCKET OPTIONS

01 = American, NEMA 5-15P Straight

01H = North American Hospital Grade NEMA 5-15

01HB = Color Black

01HC = Color Clear **01HG** = Color Gray

02 = International Female, IEC C13 straight

03 = International Female, IEC C13 R/A

04 = International Male, IEC C14

06 = European, CEE 7/7 Straight

07 = European, CEE 7/7 R/A 08 = United Kingdom Fused, BS

1363 10 = American, NEMA 1-15P Straight Non Polarized

11 = Swiss, SEV 1011 Straight

12 = Italian, CEI 23-16 Grounded

13 = Australian, AS 3112 Grounded

15 = Jacket and Conductor Stripped, Jacket 2.0" / Conductors 0.37" (Consult factory for custom jacket and conductor strip lengths)

16 = Blunt Cut

17 = International Female, IEC C7

25 = American, NEMA 5-15P R/A 28 = European, CEE 7/16 Straight

29 = Italian, CEI 23-16

30 = International Female. IEC C5

31 = Danish, SRAF

32 = South African, BS-546

33 = South African, BS-546 R/A

34 = Israel, SI-32 R/A

35 = Australian, AS 3112

38 = European, CEE 7/17 Straight



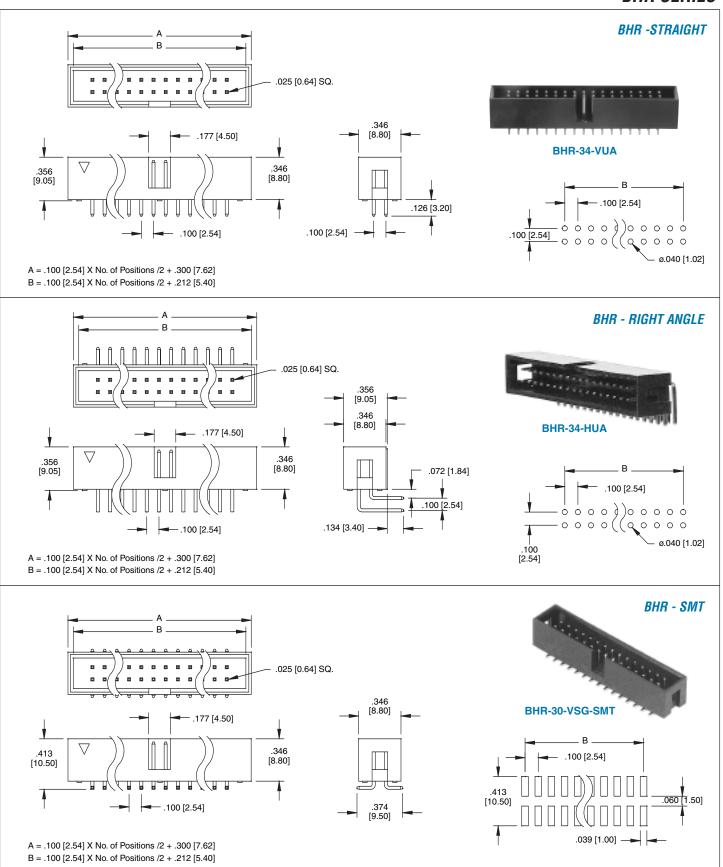




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ADAM TECH .100" BOX HEADER W/LATCHES

ADAM TECHNOLOGIES

.100" X .100" [2.54 X 2.54] CENTERLINE **MSH SERIES**

