

**INTRODUCTION:**

Adam Tech MHR Series .100" Latch Headers are dual row, PCB mounted, shrouded headers with latches for use with dual row IDC female socket connectors. In addition to providing a shock and vibration proof connection the locking latches also act as ejectors to remove the mating socket. Our low profile, space saving design has a center slot for the socket's polarization bump. Adam Tech's Latch Headers are available in Straight PCB Mount, Right Angle PCB and SMT Mounting. Plating options include choice of Gold, Tin or Selective Gold

**FEATURES:**

Integral Latches provide Shock and Vibration Proof connection  
 Slot for IDC socket Polarization bump  
 Straight PCB, Right Angle PCB and SMT versions  
 Gold, Tin or Selective Gold plating  
 Elevated option available  
 Hi-Temp insulator available

**MATING SOCKETS:**

.100" X .100" Dual row IDC sockets

**SPECIFICATIONS:**

**Material:**

Insulator: PBT, glass reinforced, rated UL94V-0  
 Insulator Color: Black (Gray optional)  
 Contacts: Brass

**Plating:**

U = Gold flash (30u" optional) over nickel underplate overall  
 SG = Gold flash (30u" optional) over nickel on contact area, Tin over copper underplate on tails.  
 T = Tin over copper underplate overall

**Electrical:**

Operating voltage: 250V AC max.  
 Current rating: 3 Amps 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:**

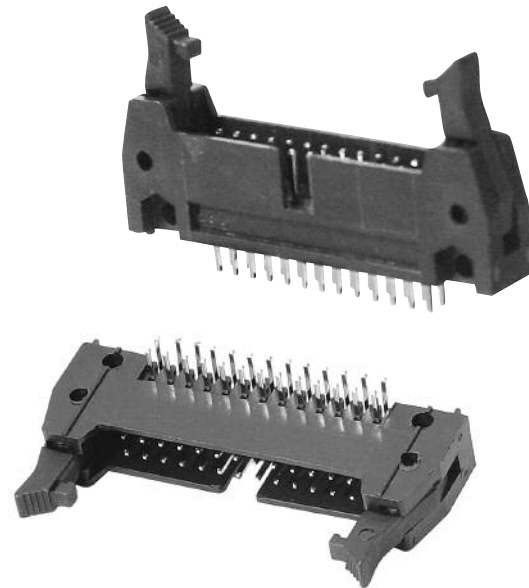
Operating temperature: -55°C to +105°C

**PACKAGING:**

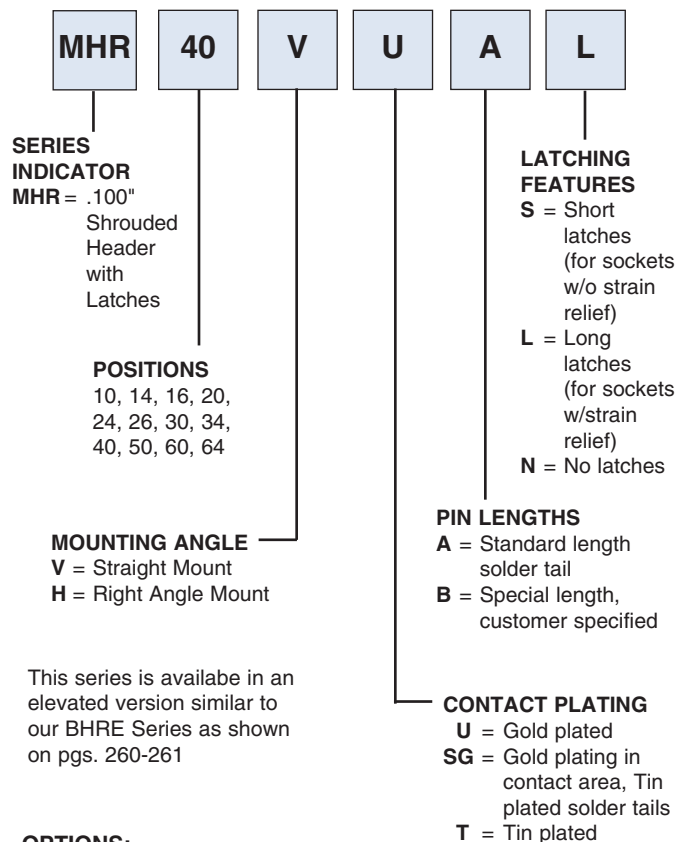
Anti-ESD plastic trays

**SAFETY AGENCY APPROVALS:**

UL Recognized File No. E224053  
 CSA Certified File No. LR1578596



**ORDERING INFORMATION**



This series is available in an elevated version similar to our BHRE Series as shown on pgs. 260-261

**OPTIONS:**

Add designator(s) to end of part number  
 GY = Gray color insulator  
 HT = High-temp insulator for high-temp soldering processes