



Centerline 2.54 mm [.1 in]

- **PCB Mount Retention *Without***
- **PCB Mounting Orientation *Vertical***
- **Termination Method to PC Board *Through Hole***
- **Shrouded *Yes***

Product Type Features

- **PCB Mounting Orientation** *Vertical*
- **Shrouded** *Yes*
- **Row-to-Row Spacing** *2.54 mm [.1 in]*
- **Connector Style** *Plug*
- **Profile** *Standard*
- **Product Type** *Connector*
- **Board Standoff** *Without*
- **Connector System** *Wire-to-Board*
- **Ejection Latches** *With*
- **Applies To** *Printed Circuit Board*
- **Connector Type** *Header*
- **Latch Type** *Long*

Configuration Features

- **Number of Positions** *10*
- **Number of Rows** *2*

Electrical Characteristics

- **Operating Voltage (VAC)** *250*
- **Insulation Resistance (M Ω)** *5000*

Body Features

- **Post Size** *.64 mm [.025 in]*

- **Header Type** *Universal Ejection Pin Headers*

Contact Features

- **Contact Design** *Square Post*
- **Contact Transmits (Typical)** *Signal (Data)*
- **Contact Current Rating (A)** *1*
- **Contact Base Material** *Phosphor Bronze*
- **Contact Type** *Pin*
- **Contact Mating Area Plating Material** *Gold*
- **Contact Mating Area Plating Thickness** *.76 μm [30 μin]*
- **Contact Shape** *Square*
- **Solder Tail Contact Plating Material** *Tin*
- **Contact Termination Area Plating Material** *Tin*
- **Contact Termination Area Plating Thickness** *2.54 μm [100 μin]*

Termination Features

- **Termination Method to PC Board** *Through Hole*
- **Termination Post Length** *2.79 mm [.11 in]*

Mechanical Attachment

- **PCB Mount Retention** *Without*
- **Mating Alignment Type** *Center, Dual Polarizing Bar*
- **Mating Connector Lock** *With*

- **Mating Connector Lock Type** *Latch*
- **Mating Alignment** *With*
- **Polarization** *With*
- **Panel Mount Retention** *Without*
- **Mating Retention** *With*
- **PCB Mount Alignment** *Without*

Housing Features

- **Centerline** *2.54 mm [.1 in]*
- **Housing Color** *Black*
- **Housing Style** *4-Sided*
- **Housing Material** *Glass Filled Nylon/Polyester*

Dimensions

- **Shrouded End Dimension** *3.81 mm [.15 in]*
- **Length** *32.004 mm [1.26 in]*
- **PCB Thickness (Recommended)** *1.57 mm [.062 in]*
- **Height** *13.94 mm [.548 in]*

Usage Conditions

- **Temperature Rating** *Standard*
- **Operating Temperature Range (°C)** *-65 – 105*

Operation/Application

- **For Use With** *Mates with Receptacles*

Industry Standards

- **UL Flammability Rating** *UL 94V-0*

Packaging Features

- **Packaging Method** *Tray*
- **Packaging Quantity** *18*

Other

- **Comment** *Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown., Pin headers in 10-position size have only slot for dual polarization, located as shown.*