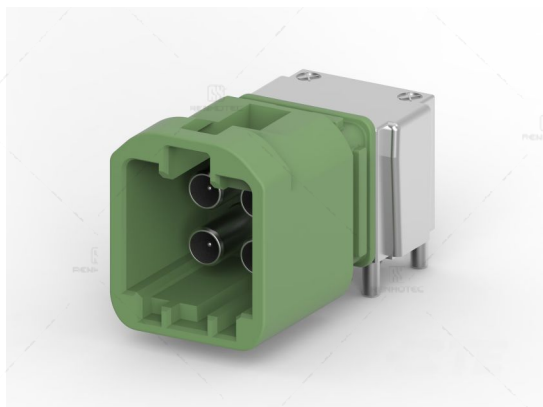
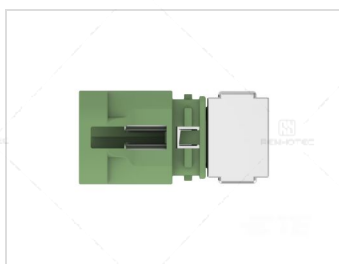
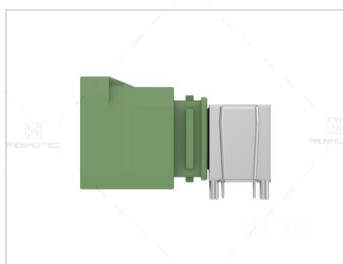
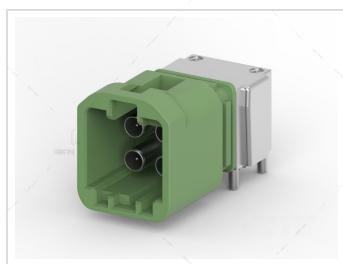




# Wire-to-Board Shielded Horizontal 4 Position Board Mount A Code 4 mm (.157 in) Centerline Signal Data Connectivity Headers

Part Number:

**TE-2304168-5**



## Basic Information

|                          |                                   |
|--------------------------|-----------------------------------|
| Number of Positions      | 4                                 |
| Series                   | MATE-AX                           |
| Tcpn                     | 2304168-5                         |
| Product Description      | 4P MATE-AX, HDR ASSY,90 DEG,COD E |
| Mixed & Hybrid Connector | No                                |
| Connector System         | Wire-to-Board                     |
| Number of Rows           | 2                                 |
| PCB Mount Orientation    | Horizontal                        |
| Keying Code              | A                                 |
| Contact Type             | Pin                               |
| Center Contact           | With                              |
| Connector Mounting Type  | Board Mount                       |
| Assembly Process Feature | Board Standoff                    |

## Mechanical Specification

|                     |                   |
|---------------------|-------------------|
| Mating Pin Diameter | .4 mm (.016 in)   |
| Centerline (Pitch)  | 4 mm (.157 in)    |
| Connector Height    | 14.4 mm (.567 in) |
| Product Length      | 24.3 mm (.957 in) |
| Product Width       | 12 mm (.472 in)   |

### Material Specification

|                                  |             |
|----------------------------------|-------------|
| Contact Mating Plating           | Silver (Ag) |
| Connector Center Contact Plating | Silver (Ag) |
| Housing Color                    | Jet Black   |
| Outer Contact Plating            | Tin (Sn)    |
| PCB Retention Plating            | Tin         |

### Electrical Specification

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
| Contact Current Rating (Max) (A)  | 3                     |
| Termination Method to PCB         | Through Hole - Solder |
| Mating Retention                  | With                  |
| Operating Voltage (VDC)           | 60.0                  |
| Impedance ( $\Omega$ )            | 50.0                  |

### Environmental Specification

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| Sealable                         | No                                      |
| Operating Temperature Range      | -40 – 105 °C ( -40 – 221 °F )           |
| Operating Temperature (Max) (°C) | 65   70   75   80   85   90   100   105 |
| Operating Temperature (Max) (°F) | 221.0                                   |

### Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.