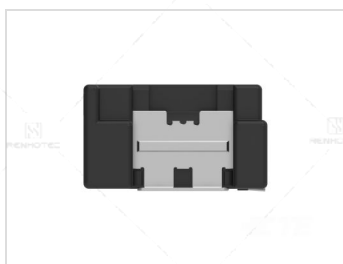
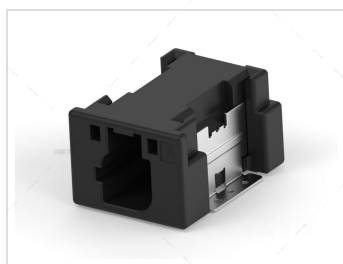




Wire-to-Board Shielded Horizontal 1 Position Board Mount A Code Signal -40 – 105 °C (-40 – 221 °F) TX1 Data Connectivity Headers

Part Number:

**TE-2312143-1**



## Basic Information

|                         |                          |
|-------------------------|--------------------------|
| Number of Positions     | 1                        |
| Series                  | MATE-AX                  |
| Tcpn                    | 2312143-1                |
| Product Description     | 1POS,COAX,HDR ASSY,90DEG |
| Connector System        | Wire-to-Board            |
| Number of Rows          | 1                        |
| PCB Mount Orientation   | Horizontal               |
| Keying Code             | A                        |
| Connector Mounting Type | Board Mount              |

## Mechanical Specification

|                     |                  |
|---------------------|------------------|
| Mating Pin Diameter | .4 mm ( .01 in ) |
|---------------------|------------------|

## Material Specification

|                        |           |
|------------------------|-----------|
| Contact Mating Plating | Gold (Au) |
| Housing Color          | Black     |
| UL Flammability Rating | UL 94HB   |
| Outer Contact Plating  | Tin (Sn)  |

### Electrical Specification

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
| Contact Current Rating (Max) (A)  | 1                     |
| Termination Method to PCB         | Surface Mount         |
| Circuit Application               | Signal                |

### Environmental Specification

|                             |                               |
|-----------------------------|-------------------------------|
| Sealable                    | No                            |
| Shielded                    | Yes                           |
| Operating Temperature (Max) | 105 °C ( 221 °F )             |
| Operating Temperature Range | -40 – 105 °C ( -40 – 221 °F ) |

### 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.