



Cable-to-Board Shielded Vertical 4 Position Board Mount Z Code 2 mm (.079 in) Centerline -40 – 105 °C (-40 – 221 °F) Data Connectivity Headers

Part Number:

**TE-1-2409685-4**

### Basic Information

|                         |                             |
|-------------------------|-----------------------------|
| Number of Positions     | 4                           |
| Series                  | GEMnet                      |
| Tcpn                    | 1-2409685-4                 |
| Product Description     | GEMnet ASSY 2P 180deg Cod Z |
| Connector System        | Cable-to-Board              |
| Number of Rows          | 1                           |
| PCB Mount Orientation   | Vertical                    |
| Keying Code             | Z                           |
| Connector Mounting Type | Board Mount                 |

### Mechanical Specification

|                     |                |
|---------------------|----------------|
| Mating Pin Diameter | .5 mm (.02 in) |
| Centerline (Pitch)  | 2 mm (.079 in) |

### Material Specification

|                        |            |
|------------------------|------------|
| Contact Mating Plating | Gold (Au)  |
| Housing Color          | Water Blue |

### Electrical Specification

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
| Contact Current Rating (Max) (A)  | 2                     |
| Termination Method to PCB         | Through Hole - Solder |

## 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.