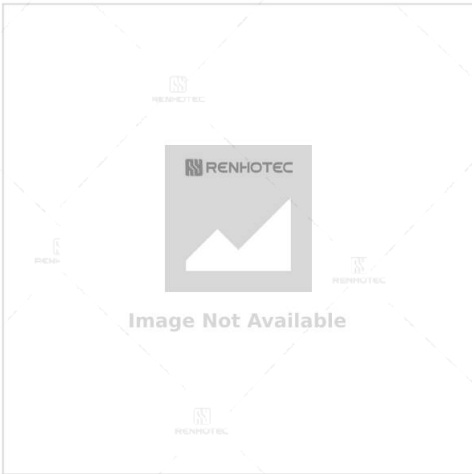




Cable-to-Cable / Wire-to-Wire 180° Cable Exit 1 Position  
F Code Housing for Male Terminals Crimp High Speed  
Data Data Connectivity Housings

Part Number:  
**TE-2310138-6**

| Basic Information        |                                        |
|--------------------------|----------------------------------------|
| Number of Positions      | 1                                      |
| Series                   | MATE-AX                                |
| Tcpn                     | 2-2310138-6                            |
| Product Description      | 1POS,MATE-AX,PIN HSG ASSY,COD F,W.CLIP |
| Mixed & Hybrid Connector | No                                     |
| Connector System         | Cable-to-Cable   Wire-to-Wire          |
| Number of Rows           | 1                                      |
| Keying Code              | F                                      |
| Contact Type             | Pin                                    |
| Center Contact           | With                                   |
| Connector Mounting Type  | Cable Mount (Free-Hanging)             |
| Primary Locking Feature  | On the Terminal                        |
| Connector & Housing Type | Housing for Male Terminals             |
| Snap-Lock                | Without                                |

| Mechanical Specification |                   |
|--------------------------|-------------------|
| Mating Pin Diameter      | .4 mm (.016 in)   |
| Connector Height         | 10.4 mm (.4 in)   |
| Product Length           | 9.1 mm (.35 in)   |
| Product Width            | 25.7 mm (1.01 in) |
| Cable Exit Type          | Straight          |
| Cable Exit Angle         | 180°              |

### Material Specification

|                        |             |
|------------------------|-------------|
| Contact Mating Plating | Silver (Ag) |
| Housing Color          | Nut Brown   |
| Body Material          | PA66 GF30   |
| Outer Contact Plating  | Tin (Sn)    |
| Ferrule                | With        |

### Electrical Specification

|                                   |                  |
|-----------------------------------|------------------|
| Connector & Contact Terminates To | Wire & Cable     |
| Contact Current Rating (Max) (A)  | 3                |
| Mating Retention                  | Without          |
| Impedance ( $\Omega$ )            | 100.0            |
| Termination to Cable              | Crimp            |
| Cable Type                        | RG 174   RTK 031 |

### Environmental Specification

|                             |                   |
|-----------------------------|-------------------|
| Sealable                    | No                |
| Operating Temperature (Max) | 105 °C ( 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.