



## General Information

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|--------------------------|--|
| <b>Kit Part Number:</b>  | <a href="#">2110841-2</a>  |
| <b>Description:</b>      | Through Hole Female-on-Board and Male-on-Wire Connector Kit                                    |
| <b>Application:</b>      | Audio, Base Stations, Car Radios, Dashboard Systems, Navigation Systems, Phones, Set Top Boxes |
| <b>Family:</b>           | Micro-MaTch  |
| <b>TE Brand:</b>         | AMP Products   |
| <b>Solution:</b>         | Off the Board  |
| <b>Product Type:</b>     | Board-to-Board Connectors  |
| <b>Number of Pieces:</b> | 24   |
| <b>RoHS:</b>             | Yes  |

## Specifications

|                          |                     |
|--------------------------|---------------------|
| <b>Circuit Size(s):</b>  | 4, 6, 8, 10, 16, 20 |
| <b>Current Rating:</b>   | 1.5A                |
| <b>Mounting Style:</b>   | Through Hole        |
| <b>Orientation:</b>      | Vertical            |
| <b>Pitch:</b>            | 1.27mm (.050")      |
| <b>Tool Included:</b>    | No                  |
| <b>Voltage Rating:</b>   | 230V                |
| <b>Wire Gauge (AWG):</b> | 28 AWG Ribbon Cable |

## Product Highlights

The TE Connectivity Micro-MaTch connector family, with its contact spacing of 1.27mm offers a variety of wire-to-board and board-to-board interconnections. The Micro-MaTch contact concept prevents fretting corrosion, the traditional failure mode in tinplated connections. Relative movements caused by vibrations/thermal expansion between male and female contacts are absorbed by an additional positioning spring in the female part. By preventing movements on the contact spot, a gas tight connection can be guaranteed under all circumstances making the Micro-MaTch contact spring system absolutely fretting corrosion proof by its design

### Features and Benefits

- Wire connectors supplied on-tape and suitable for mass termination of 28 AWG [0.08 mm<sup>2</sup> to 0.09 mm<sup>2</sup>] ribbon cable
- Tin plated contact design
- Gas tight connections
- Fretting corrosion proof thanks to additional positioning spring member
- Full range of application tooling from hand tool to fully automated equipment
- Wire to Board, and Board to Board interconnection system

### Applications

- Car Radios
- Navigation Systems
- Dashboard Systems
- Base Stations
- Phones
- Set Top Boxes
- Audio equipment



**Bill of Materials**

| Part No.                   | Qty In Kit | Description                          | Datasheet                 | P/N Details             | Search Distributors Inventory |
|----------------------------|------------|--------------------------------------|---------------------------|-------------------------|-------------------------------|
| <a href="#">215079-4</a>   | 2          | 4 Circuit Female-on-Board Connector  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">215079-6</a>   | 2          | 6 Circuit Female-on-Board Connector  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">215079-8</a>   | 2          | 8 Circuit Female-on-Board Connector  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">1-215079-0</a> | 2          | 10 Circuit Female-on-Board Connector | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">1-215079-6</a> | 2          | 16 Circuit Female-on-Board Connector | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">2-215079-0</a> | 2          | 20 Circuit Female-on-Board Connector | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">215083-4</a>   | 2          | 4 Circuit Male-on-Wire Connector     |                           | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">215083-6</a>   | 2          | 6 Circuit Male-on-Wire Connector     |                           | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">215083-8</a>   | 2          | 8 Circuit Male-on-Wire Connector     |                           | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">1-215083-0</a> | 2          | 10 Circuit Male-on-Wire Connector    |                           | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">1-215083-6</a> | 2          | 16 Circuit Male-on-Wire Connector    |                           | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">2-215083-0</a> | 2          | 20 Circuit Male-on-Wire Connector    | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |

**Recommended Tool**

| Part No.                   | Included in Kit |
|----------------------------|-----------------|
| <a href="#">734155-1</a>   | No              |
| <a href="#">734024-1</a>   | No              |
| <a href="#">734870-1</a>   | No              |
| <a href="#">734870-2</a>   | No              |
| <a href="#">733280-3</a>   | No              |
| <a href="#">91085-2</a>    | No              |
| <a href="#">91112-3</a>    | No              |
| <a href="#">733278-2</a>   | No              |
| <a href="#">677499-1</a>   | No              |
| <a href="#">677894-1</a>   | No              |
| <a href="#">677895-1</a>   | No              |
| <a href="#">677412-5</a>   | No              |
| <a href="#">1-677412-0</a> | No              |



|                          |    |
|--------------------------|----|
| <a href="#">677463-1</a> | No |
|--------------------------|----|





