



## General Information

<b>Kit Part Number:</b>	<a href="#">2110841-5</a>
<b>Description:</b>	Surface Mount Female-on-Board and Male-on-Board 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="#">215464-4</a>	2	4 Circuit Male-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-188275-0</a>	2	20 Circuit Female-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">215464-8</a>	2	8 Circuit Male-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">215464-6</a>	2	6 Circuit Male-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-215464-0</a>	2	10 Circuit Male-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-188275-6</a>	2	16 Circuit Female-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-215464-6</a>	2	16 Circuit Male-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-215464-0</a>	2	20 Circuit Male-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">188275-4</a>	2	4 Circuit Female-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">188275-6</a>	2	6 Circuit Female-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">188275-8</a>	2	8 Circuit Female-on-Board Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-188275-0</a>	2	10 Circuit Female-on-Board 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="#">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





