



General Information

Kit Part Number:	2110841-5
Description:	Surface Mount Female-on-Board and Male-on-Board Connector Kit
Application:	Audio, Base Stations, Car Radios, Dashboard Systems, Navigation Systems, Phones, Set Top Boxes
Family:	Micro-MaTch
TE Brand:	AMP Products
Solution:	Off the Board
Product Type:	Board-to-Board Connectors
Number of Pieces:	24
RoHS:	Yes

Specifications

Circuit Size(s):	4, 6, 8, 10, 16, 20
Current Rating:	1.5A
Mounting Style:	Through Hole
Orientation:	Vertical
Pitch:	1.27mm (.050")
Tool Included:	No
Voltage Rating:	230V
Wire Gauge (AWG):	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 mm² to 0.09 mm²] 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
215464-4	2	4 Circuit Male-on-Board Connector	Datasheet	Details	Search
2-188275-0	2	20 Circuit Female-on-Board Connector	Datasheet	Details	Search
215464-8	2	8 Circuit Male-on-Board Connector	Datasheet	Details	Search
215464-6	2	6 Circuit Male-on-Board Connector	Datasheet	Details	Search
1-215464-0	2	10 Circuit Male-on-Board Connector	Datasheet	Details	Search
1-188275-6	2	16 Circuit Female-on-Board Connector	Datasheet	Details	Search
1-215464-6	2	16 Circuit Male-on-Board Connector	Datasheet	Details	Search
2-215464-0	2	20 Circuit Male-on-Board Connector	Datasheet	Details	Search
188275-4	2	4 Circuit Female-on-Board Connector	Datasheet	Details	Search
188275-6	2	6 Circuit Female-on-Board Connector	Datasheet	Details	Search
188275-8	2	8 Circuit Female-on-Board Connector	Datasheet	Details	Search
1-188275-0	2	10 Circuit Female-on-Board Connector	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
734155-1	No
734024-1	No
734870-1	No
734870-2	No
733280-3	No
91085-2	No
91112-3	No
677499-1	No
677894-1	No
677895-1	No
677412-5	No
1-677412-0	No







Board-to-Board Category



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AMP Micro-MaTch Connector Kit

Surface Mount Female-on-Board and Male-on-Board Connector

- 1.27mm Pitch
- 4, 6, 8, 10, 16 and 20 Circuits
- 1.5 Amps, 250 Watts
- Terminates with 28 AWG Ribbon Cable

Additional kits available at: www.productkits.com

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24
pieces



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