



RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

MICRO-MATCH FOB.08P

Micro-MaTch | Micro-MaTch Industrial

7-215079-8

TE Internal Number: 7-215079-8

Always EU RoHS/ELV Compliant

Centerline **1.27 mm [.05 in]**

PCB Mount Retention **With**

PCB Mount Retention Type **Kink**

PCB Mounting Orientation **Vertical**

Termination Method to PC Board **Through Hole**

Product Drawings

[CONNECTOR, FEMALE-ON-BOARD TOP-ENTRY, THRU-HOLE, Micro-MaTch](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
English

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[Micro-MaTch Catalog](#)

PDF
English

[Ribbon Cable Interconnect Solutions](#)

PDF
English

[Centerline Micro-Match Connector Series](#)

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English

Product Specifications

Product Specification

[Amp Micro-Match Miniature Connector Assembly](#)

PDF
English

Qualification Test Report

[Test Report Lead-Free Wave Soldering-Heat \(Wave-Solder Connectors\)](#)

PDF
English

Product Environmental Compliance

TE Material Declaration





[MD 7-215079-8-01002015940_data](#)

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

| | | |
|----------------------------|---|---|
| Product Type Features | PCB Mounting Orientation | Vertical |
| | Shrouded | Yes |
| | Connector Style | Receptacle |
| | Profile | Low |
| | Applies To | Printed Circuit Board |
| | Product Type | Connector |
| | Board Standoff | Without |
| | Connector Type | Connector Assembly |
| | Type of Connector | Female-on-Board |
| | Connector System | Board-to-Board |
| Ejection Latches | Without | |
| Configuration Features | Number of Positions | 8 |
| Electrical Characteristics | Operating Voltage (VAC) | 100 |
| | Insulation Resistance (MΩ) | 1000 |
| Body Features | Header Type | Pin Header |
| | Daisy Chain | Without |
| Contact Features | Contact Mating Area Plating Material | Tin over Nickel |
| | Contact Mating Area Plating Thickness | .003 – .005 μm [.118 – .196 μin] |
| | Contact Design | Dual Beam |
| | Vacuum Tape | Without |
| | Contact Transmits (Typical) | Signal (Data) |
| | Solder Tail Contact Plating Material | Tin over Nickel |
| | Contact Current Rating (A) | 1.5 |
| | Contact Base Material | Phosphor Bronze |
| | Contact Type | Pin |
| | Contact Termination Area Plating Material | Tin over Nickel |
| | Contact Termination Area Plating Thickness (μm) | .003 – .005 |

| | | |
|-----------------------|---|---------------------------|
| Termination Features | Termination Method to PC Board | Through Hole |
| | Termination Post Length | 3.1 mm [.122 in] |
| Mechanical Attachment | PCB Mount Retention | With |
| | PCB Mount Retention Type | Kink |
| | Locking Latch | Without |
| | Mating Alignment | Without |
| | Polarization | Without |
| | Panel Mount Retention | Without |
| | Mating Retention | Without |
| | PCB Mount Alignment | Without |
| Housing Features | Centerline | 1.27 mm [.05 in] |
| | Housing Color | Red |
| | Housing Entry Style | Top |
| | Housing Material | Polyester - GF |
| Dimensions | Height | 4 mm [.16 in] |
| | Length | 12.2 mm [.48 in] |
| Usage Conditions | Operating Temperature Range (°C) | -40 – 105 |
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| Packaging Features | Packaging Method | Box/Carton |
| | Packaging Quantity | 250 |
| Product Compliance | Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE | |

CUSTOMERS ALSO BOUGHT

| | | | |
|--|--|--|---|
| <p>RIBBON CABLE CONNECTORS</p>  | <p>SURFACE MOUNT RESISTORS</p>  | <p>RIBBON CABLE CONNECTORS</p>  | <p>TRIMMERS</p>  |
|--|--|--|---|

| | | | |
|---------------------------------------|---|---------------------------------------|---------------------------------------|
| 08P.MICRO-MATCH MOB 7-215464-8 | CRGH0805 5% 120K 0.33W CRGH0805J120K | MICRO-MATCH FTE, 12P 1-338068-2 | 3142W 500K 3142W504P |
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Relation Type ▼

RELATIONSHIP
Mating Products
Used to identify Mating Parts

[See All Mating Products](#)

| | | | | |
|--|---------------------------|--|--|-------------------------------------|
| | PRODUCT - MATING PRODUCTS | <p>Connectors - Ribbon Cable Connectors Micro-MaTch Micro-MaTch Industrial</p> <p>MICRO-MATCH COSI HSG. - 338095-8 TE INTERNAL NUMBER: 338095-8</p> <p>✓ Active</p> | <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 1.27 mm</p> <p>PCB Mount Retention Without</p> <p>PCB Mounting Orientation Vertical</p> <p>Termination Method to PC Board Through Hole - Solder</p> <p>Shrouded Yes</p> | <input checked="" type="checkbox"/> |
| | | | | |

RELATIONSHIP
Mating Products
Used to identify Mating Parts

[See All Mating Products](#)

| | | | | |
|--|---------------------------|--|---|-------------------------------------|
| | PRODUCT - MATING PRODUCTS | <p>Connectors - Ribbon Cable Connectors Micro-MaTch Micro-MaTch Industrial</p> <p>08P.MICRO-MATCH MOB - 215464-8 TE INTERNAL NUMBER: 215464-8</p> <p>✓ Active</p> | <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 1.27 mm</p> <p>PCB Mount Retention With</p> <p>PCB Mount Retention Type Kink</p> <p>PCB Mounting Orientation Vertical</p> <p>Termination Method to PC Board Through Hole</p> | <input checked="" type="checkbox"/> |
| | | | | |

RELATIONSHIP
Mating Products
Used to identify Mating Parts

[See All Mating Products](#)

| | |
|---------------------------|-------------------------------------|
| PRODUCT - MATING PRODUCTS | <input checked="" type="checkbox"/> |
|---------------------------|-------------------------------------|



Connectors - Ribbon Cable Connectors
Micro-MaTch | Micro-MaTch Industrial

MICRO-MATCH MOW.08P - 215083-8

TE INTERNAL NUMBER: 215083-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

PCB Mount Retention **Without**

PCB Mounting Orientation

Vertical

Termination Method to

Wire/Cable **Insulation**

Displacement Crimp (IDC)

Shrouded **Yes**