



# RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## MICRO-MATCH FOB.06P

Micro-MaTch | Micro-MaTch Industrial

7-215079-6

TE Internal Number: 7-215079-6

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](#)

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[Centerline Micro-Match Connector Series](#)

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### Product Specifications

Product Specification

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

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Qualification Test Report

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

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### Product Environmental Compliance

TE Material Declaration

[MD 7-215079-6-07012015735\\_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	<b>Vertical</b>
	Shrouded	<b>Yes</b>
	Connector Style	<b>Receptacle</b>
	Profile	<b>Low</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>
	Board Standoff	<b>Without</b>
	Connector Type	<b>Connector Assembly</b>
	Type of Connector	<b>Female-on-Board</b>
	Connector System	<b>Board-to-Board</b>
Ejection Latches	<b>Without</b>	
Configuration Features	Number of Positions	<b>6</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>100</b>
	Insulation Resistance (MΩ)	<b>1000</b>
Body Features	Header Type	<b>Pin Header</b>
	Daisy Chain	<b>Without</b>
Contact Features	Contact Mating Area Plating Material	<b>Tin over Nickel</b>
	Contact Mating Area Plating Thickness	<b>.003 – .005 μm [ .118 – .196 μin ]</b>
	Contact Design	<b>Dual Beam</b>
	Vacuum Tape	<b>Without</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Current Rating (A)	<b>1.5</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Type	<b>Pin</b>
	Contact Termination Area Plating Material	<b>Tin over Nickel</b>
	Contact Termination Area Plating Thickness (μm)	<b>.003 – .005</b>

Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	Termination Post Length	<b>3.1 mm [ .122 in ]</b>
Mechanical Attachment	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Kink</b>
	Locking Latch	<b>Without</b>
	Mating Alignment	<b>Without</b>
	Polarization	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Retention	<b>Without</b>
	PCB Mount Alignment	<b>Without</b>
Housing Features	Centerline	<b>1.27 mm [ .05 in ]</b>
	Housing Color	<b>Red</b>
	Housing Entry Style	<b>Top</b>
	Housing Material	<b>Polyester - GF</b>
Dimensions	Height	<b>4 mm [ .16 in ]</b>
	Length	<b>9.7 mm [ .382 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-40 – 105</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Method	<b>Box/Carton</b>
	Packaging Quantity	<b>250</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	POWER CABLE ASSEMBLIES	RIBBON CABLE CONNECTORS	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES
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	<p>Connectors - Ribbon Cable Connectors Micro-MaTch I Micro-MaTch Industrial</p> <p><b>MICRO-MATCH</b> <b>MOW.06P - 215083-6</b> TE INTERNAL NUMBER: 215083-6</p> <p> Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>1.27 mm</b></p> <p>PCB Mount Retention <b>Without</b></p> <p>PCB Mounting Orientation <b>Vertical</b></p> <p>Termination Method to Wire/Cable <b>Insulation</b> <b>Displacement Crimp (IDC)</b></p> <p>Shrouded <b>Yes</b></p>

RELATIONSHIP

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	<p>PRODUCT - MATING PRODUCTS </p>
	<p>Connectors - Ribbon Cable Connectors Micro-MaTch I Micro-MaTch Industrial</p> <p><b>MICRO-MATCH</b> <b>COSIHSG - 338095-6</b> TE INTERNAL NUMBER: 338095-6</p> <p> Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>1.27 mm</b></p> <p>PCB Mount Retention <b>Without</b></p> <p>PCB Mounting Orientation <b>Vertical</b></p> <p>Termination Method to PC Board <b>Through Hole - Solder</b></p> <p>Shrouded <b>Yes</b></p>

RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)



Connectors - Ribbon Cable Connectors  
Micro-MaTch I Micro-MaTch Industrial

## MICRO-MATCH

### MOW.06P - 7-215083-6

TE INTERNAL NUMBER: 7-215083-6

✓ 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**

