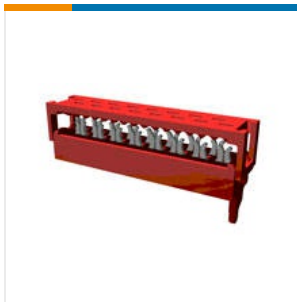




RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

MICRO-MATCH MOW.10P

[Micro-MaTch](#) | [Micro-MaTch Industrial](#)

8-215083-0

TE Internal Number: 8-215083-0

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mounting Orientation **Vertical**

Termination Method to Wire/Cable **Insulation Displacement Crimp (IDC)**

Shrouded **Yes**

Product Drawings

[Micro-MaTch MALE-ON-WIRE CONNECTOR](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[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

Application Specification

[Micro Match Miniature Connector System](#)

PDF
English

[Micro Match Miniature Connector System](#)

TIF
English

Product Environmental Compliance

TE Material Declaration

[MD_8-215083-0_04172015924_dmtec](#)

PDF
English

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	Plug
	Profile	Low
	Applies To	Cable
	Product Type	Connector
	Board Standoff	Without
	Connector Type	Connector Assembly
	Wire/Cable Type	Ribbon Cable
	Type of Connector	Male-On-Wire
	Connector System	Wire-to-Board
	Ejection Latches	Without

Configuration Features	Number of Positions	10
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Electrical Characteristics	Insulation Resistance (M Ω)	1000
	Operating Voltage (VDC)	100





Body Features	Header Type	Pin Header
	Daisy Chain	Without

Contact Features	Contact Mating Area Plating Material	Tin over Nickel
	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

Termination Features	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Polarization
	Mating Alignment	Without
	Polarization	With
	Panel Mount Retention	Without
	Mating Retention	Without
	PCB Mount Alignment	Without
Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Red
	Housing Material	Polyester - GF
Dimensions	Height	6.8 mm [.27 in]
	Insulation Diameter	.9 mm [.035 in]
	Accepts Wire Insulation Diameter Range	.1 – .9 mm [.003 – .035 in]
	Length (mm)	16.2
	Wire/Cable Size	.08 – .09 mm², 28 AWG
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>CHASSIS PANEL MOUNT RESISTORS</p> 	<p>RECTANGULAR CONNECTOR ADAPTERS</p> 	<p>RIBBON CABLE CONNECTORS</p> 	<p>RIBBON CABLE CONNECTORS</p> 
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 <p>HSA50 22K 5% HSA5022KJ</p> <p>Save to List Find Similar Products</p>	 <p>UMNL STR/REL ADAPTER NATL 641777-1</p> <p>Save to List Find Similar Products</p>	 <p>MICRO-MATCH MOW.12P 8-215083-2</p> <p>Save to List Find Similar Products</p>	 <p>MICRO-MATCH SMD FTE 1-338069-0</p> <p>Save to List Find Similar Products</p>
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Products - 21 Results

View All

Compare 0/10

Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors Micro-MaTch I Micro-MaTch Industrial</p> <p>MICRO-MATCH FOB.10P - 1-215079-0 TE INTERNAL NUMBER: 1-215079-0</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>
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

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	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors Micro-MaTch I Micro-MaTch Industrial</p> <p>MICRO-MATCH FOB.10P - 1-215079-0 TE INTERNAL NUMBER: 1-215079-0</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>
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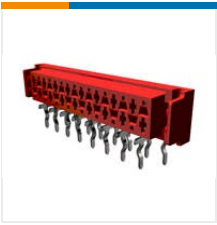
RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



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

MICRO-MATCH FEM.SE - 1-338070-0

TE INTERNAL NUMBER: 1-338070-0

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

PCB Mount Retention **Without**

PCB Mounting Orientation

Vertical

Termination Method to PC Board

Through Hole

Shrouded **Yes**

