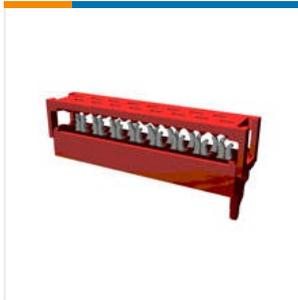




## RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### MICRO-MATCH MOW.20P

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

9-215083-0

TE Internal Number: 9-215083-0

Alias ID: AMP-9-0215083-0, EG4868-000

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](#)

PDF  
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

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## Product Environmental Compliance

TE Material Declaration

[MD\\_9-215083-0\\_041720151535\\_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.

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Product Type Features	PCB Mounting Orientation	<b>Vertical</b>
	Shrouded	<b>Yes</b>
	Connector Style	<b>Plug</b>
	Profile	<b>Low</b>
	Applies To	<b>Cable</b>
	Product Type	<b>Connector</b>
	Board Standoff	<b>Without</b>
	Connector Type	<b>Connector Assembly</b>
	Wire/Cable Type	<b>Ribbon Cable</b>
	Type of Connector	<b>Male-On-Wire</b>
	Connector System	<b>Wire-to-Board</b>
	Ejection Latches	<b>Without</b>

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Configuration Features	Number of Positions	<b>20</b>
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Electrical Characteristics	Insulation Resistance (MΩ)	<b>1000</b>
	Operating Voltage (VDC)	<b>100</b>

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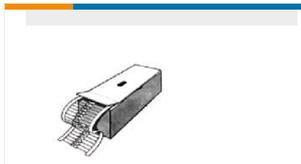
Body Features	Header Type	<b>Pin Header</b>
	Daisy Chain	<b>Without</b>

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Contact Features	Contact Mating Area Plating Material	<b>Tin over Nickel</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>

Termination Features	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
Mechanical Attachment	PCB Mount Retention	<b>Without</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Alignment	<b>Without</b>
	Polarization	<b>With</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 Material	<b>Polyester - GF</b>
Dimensions	Height	<b>6.8 mm [ .27 in ]</b>
	Insulation Diameter	<b>.9 mm [ .035 in ]</b>
	Accepts Wire Insulation Diameter Range	<b>.1 – .9 mm [ .003 – .035 in ]</b>
	Length (mm)	<b>28.9</b>
	Wire/Cable Size	<b>.08 – .09 mm<sup>2</sup>, 28 AWG</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



POTENTIOMETERS

<p>EP 5W (S) 68R 5% EP5WS68RJ</p> <hr/> <p> Save to List</p> <p> Find Similar Products</p>	<p>RP 1J 0.166W 5K36 0.1% 25PPM 1K RL 7-2176088-5</p> <hr/> <p> Save to List</p> <p> Find Similar Products</p>	<p>RP 1J 0.166W 21K5 0.1% 25PPM 1K RL RP73PF1J21K5BTDF</p> <hr/> <p> Save to List</p> <p> Find Similar Products</p>	<p>27E DUAL 50KB 6.35X50FL B7 27ESB503MMF50N</p> <hr/> <p> Save to List</p> <p> Find Similar Products</p>
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Products - 20 Results

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[Compare 0/10](#)

Relation Type ▼

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 SMD**  
**FTE - 2-188275-0**  
TE INTERNAL NUMBER: 2-188275-0

Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

PCB Mount Retention **Without**

PCB Mounting Orientation

**Vertical**

Termination Method to PC Board

**Surface Mount**

Shrouded **No**

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**  
**- 2-215460-0**  
TE INTERNAL NUMBER: 2-215460-0

Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

PCB Mount Retention **Without**

PCB Mounting Orientation **Right**

**Angle**

Termination Method to PC Board

**Through Hole**

Shrouded **Yes**

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 FSID P - 9-215460-0

TE INTERNAL NUMBER: 9-215460-0

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

PCB Mount Retention **Without**

PCB Mounting Orientation **Right  
Angle**

Termination Method to PC Board  
**Through Hole**

Shrouded **Yes**

