+ CONNECTORS

RIBBON CABLE CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)
18P.MICRO-MATCH MOB

Micro-MaTch | Micro-MaTch Industrial

1-215464-8
TE Internal Number: 1-215464-8

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	**Micro-MaTch MALE-ON-BOARD LONG POST, POLARIZED** PDF **English**

CAD Files	**3D PDF** PDF **3D**
	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 PDF **English**

Product Specifications

Product Specification	**Amp Micro-Match Miniature Connector Assembly** 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	**Standard**
	Applies To	**Printed Circuit Board**
	Product Type	**Connector**
	Board Standoff	**Without**
	Connector Type	**Connector Assembly**
	Connector System	**Board-to-Board**
	Ejection Latches	**Without**
Configuration Features	Number of Positions	**18**
Electrical Characteristics	Insulation Resistance (MΩ)	**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 Mating Area Plating Thickness	**3 – 5 µm [118.11 – 196.85 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**
	Contact Termination Area Plating Thickness	**3 – 5 µm [118.11 – 196.85 µin]**
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**

	Mating Alignment Type	**Polarization**
	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 Material	**Polyester - GF**

Dimensions	Height	**6.9 mm [.27 in]**
	Length (mm)	**.849, 21.59**
	PCB Thickness (Recommended)	**1.6 mm [.062 in]**

Usage Conditions	Operating Temperature Range (°C)	**-40 – 105**

Industry Standards	UL Flammability Rating	**UL 94V-0**

Packaging Features	Packaging Method	**Reel**
	Packaging Quantity	**2500**

Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE

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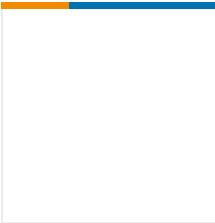
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Relation Type ▼

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
Micro-MaTch | Micro-MaTch Industrial
MICRO-MATCH SMD

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

FTE - 8-338069-8

TE INTERNAL NUMBER: 8-338069-8

✔ Active

PCB Mount Retention **Without**

PCB Mounting Orientation
Vertical

Termination Method to PC Board
Surface Mount

Shrouded **Yes**

PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
Micro-MaTch | Micro-MaTch Industrial
MICRO-MATCH SMD FTE - 1-188275-8

TE INTERNAL NUMBER: 1-188275-8

✔ 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**

PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
Micro-MaTch | Micro-MaTch Industrial
MICRO-MATCH FSID P - 8-215460-8

TE INTERNAL NUMBER: 8-215460-8

✔ 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**