



RIBBON CABLE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

MICRO-MATCH PBC.18P

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

1-215570-8

TE Internal Number: 1-215570-8

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 PADDLE BOARD CONNECTOR](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[Micro-MaTch Catalog](#)

PDF
English

[Ribbon Cable Interconnect Solutions](#)

PDF
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[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

Qualification Test Report

[Test Report Lead-Free Wave Soldering-Heat \(IDC-Connection Paddle-Board\)](#)

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
	Connector Style	Paddle-Board
	Profile	Standard
	Applies To	Printed Circuit Board
	Product Type	Connector
	Board Standoff	With
	Connector Type	Connector Assembly
	Wire/Cable Type	Ribbon Cable
	Type of Connector	Paddleboard
	Connector System	Cable-to-Board
Ejection Latches	Without	

Configuration Features	Number of Positions	18
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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
	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 PC Board	Through Hole
	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
	Termination Post Length	2.2 mm [.085 in]

Termination Post Length **3.2 mm [.125 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	5.1 mm [.2 in]
	Insulation Diameter	.9 mm [.035 in]
	Length	26.3 mm [1.035 in]
	PCB Thickness (Recommended) (mm)	1.6
	Wire/Cable Size	.08 – .09 mm², 28 AWG

Usage Conditions	Operating Temperature Range (°C)	-40 – 105
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Reel
	Packaging Quantity	2500

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

