



RIBBON CABLE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

MICRO-MATCH PBC 06P

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

7-215570-6

TE Internal Number: 7-215570-6

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

[Micro-MaTch PADDLE BOARD CONNECTOR](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

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Catalog Pages/Data Sheets

[Micro-MaTch Catalog](#)

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[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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Application Specification

[Micro Match Miniature Connector System](#)

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[Micro Match Miniature Connector System](#)

TIF
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Qualification Test Report

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

Product Environmental Compliance

TE Material Declaration

[MD_7-215570-6_05272014044_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
	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	6
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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	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	11.1 mm [.437 in]
	PCB Thickness (Recommended) (mm)	1.6
	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	<p>Statement of Compliance PDF</p> <p>VIEW ALL PRODUCT COMPLIANCE</p>	

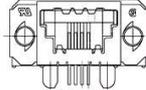
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 <p>MICRO-MATCH FSID P 7-215460-8</p>	 <p>MICRO-MATCH PBC.06P 215570-6</p>	 <p>MICRO-MATCH PBC.04P 215570-4</p>	 <p>8 SDL SE GRND RCPT ASSY 5-1761185-3</p>
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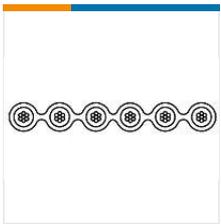
Relation Type ▼

RELATIONSHIP

Cable Assemblies

Used to identify which cable assemblies are used with a particular connector

[See All Cable Assemblies](#)

	<p>PRODUCT - CABLE ASSEMBLIES</p> <p>Wire & Cable - Ribbon & Flat Cable MADISON CABLE Ribbon Cable - PVC</p> <p>06P. RIBBCBL 28AWG</p> <p>P1.27 - 167019-6</p> <p>TE INTERNAL NUMBER: 167019-6</p> <p>✓ Active</p> <p>Converted to EU RoHS/ELV Compliant</p> <p>Number of Conductors 6</p> <p>Shielded No</p> <p>Insulation Material PVC</p> <p>Operating Temperature Range - 20 - 105 °C</p> <p>Length 1300 m</p>
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