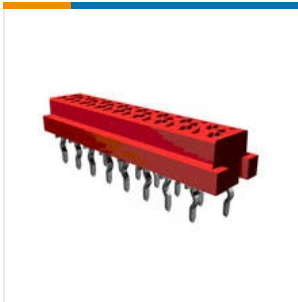




RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

MICRO-MATCH FOB.16P

Micro-MaTch | Micro-MaTch Industrial

1-215079-6

TE Internal Number: 1-215079-6

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

[CONNECTOR, FEMALE-ON-BOARD TOP-ENTRY, THRU-HOLE, Micro-MaTch](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
English

[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

Qualification Test Report

[Test Report Lead-Free Wave Soldering-Heat \(Wave-Solder Connectors\)](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD 1-215079-6-07012015712_data](#)

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	Receptacle
	Profile	Low
	Applies To	Printed Circuit Board
	Product Type	Connector
	Board Standoff	Without
	Connector Type	Connector Assembly
	Type of Connector	Female-on-Board
	Connector System	Board-to-Board
Ejection Latches	Without	
Configuration Features	Number of Positions	16
Electrical Characteristics	Operating Voltage (VAC)	100
	Insulation Resistance (MΩ)	1000
Body Features	Header Type	Pin Header
	Daisy Chain	Without
Contact Features	Contact Mating Area Plating Material	Tin over Nickel
	Contact Mating Area Plating Thickness	.003 – .005 μm [.118 – .196 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 over Nickel
	Contact Termination Area Plating Thickness (μm)	.003 – .005

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
	Locking Latch	Without
	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 Entry Style	Top
	Housing Material	Polyester - GF

Dimensions	Height	4 mm [.16 in]
	Length	22.25 mm [.875 in]

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](#)

Products - 13 Results

[View All](#)

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

16P.MICRO-MATCH

MOB - 1-215464-6

TE INTERNAL NUMBER: 1-215464-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

PCB Mount Retention **With**

PCB Mount Retention Type **Kink**

PCB Mounting Orientation

Vertical

Termination Method to PC Board

Through Hole



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

COSIHSG - 1-338095-6

TE INTERNAL NUMBER: 1-338095-6

✓ 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 - Solder

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

MOW.16P - 8-215083-6

TE INTERNAL NUMBER: 8-215083-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

PCB Mount Retention **Without**

PCB Mounting Orientation

Vertical

Termination Method to

Wire/Cable **Insulation**

Displacement Crimp (IDC)

Shrouded **Yes**

