

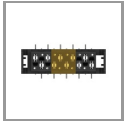


RIBBON CABLE CONNECTORS



✓ Active

[PRODUCT DRAWING](#)
English



TE CONNECTIVITY (TE) 10P, FOB, SMD W/ LATCH, P&P, MM VALUE LINE

8-2823056-0
TE Internal Number: 8-2823056-0

[Always EU RoHS/ELV Compliant](#)

Centerline **1.27 mm [.05 in]**

PCB Mount Retention **Without**

PCB Mounting Orientation **Vertical**

Termination Method to PC Board **Surface Mount**

Shrouded **Yes**

Product Drawings

MICRO-MATCH VALUE LINE FEMALE-ON-BOARD TOP-ENTRY, SMD CONNECTOR WITH LATCHES

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	Receptacle
Profile	Standard
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	10
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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
	Contact Design	Dual Beam
	Vacuum Tape	With
	Contact Transmits (Typical)	Signal (Data)
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Current Rating (A)	1.4
	Contact Base Material	Copper Alloy
	Contact Type	Socket
	Contact Termination Area Plating Material	Tin over Nickel
Termination Features	Termination Method to PC Board	Surface Mount
	Termination Post Length	5.3 mm [.208 in]
Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Polarization
	Mating Connector Lock	With
	Mating Retention Type	Locking Latch
	Mating Alignment	Without
	Polarization	With
	Panel Mount Retention	Without
	Mating Retention	Without
	PCB Mount Alignment	Without
Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Black
	Housing Entry Style	Top
	Housing Material	PA 4.6
Dimensions	Height	6.9 mm [.27 in]

	Length	17.3 mm [.681 in]
	PCB Thickness (Recommended)	1.6 mm [.062 in]
Usage Conditions	Operating Temperature Range (°C)	-30 – 85
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Reel
	Packaging Quantity	900
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 1 Results

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Relation Type 

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS			<div></div>
<div><div></div><div><div>Connectors - Ribbon Cable Connectors</div><div>Micro-MaTch I Micro_MaTch Value Line</div><div>10P, MOW, MICRO-MATCH VALUE LINE</div><div>- 1-2178712-0</div><div>TE INTERNAL NUMBER: 1-2178712-0</div><div><div>✓ Active</div></div></div></div> <td colspan="3"><div>Always EU RoHS/ELV Compliant</div><div>Centerline 1.27 mm</div><div>PCB Mount Retention Without</div><div>PCB Mounting Orientation</div><div>Vertical</div><div>Termination Method to</div><div>Wire/Cable Insulation</div><div>Displacement Crimp (IDC)</div><div>Shrouded Yes</div></td>	<div>Always EU RoHS/ELV Compliant</div> <div>Centerline 1.27 mm</div> <div>PCB Mount Retention Without</div> <div>PCB Mounting Orientation</div> <div>Vertical</div> <div>Termination Method to</div> <div>Wire/Cable Insulation</div> <div>Displacement Crimp (IDC)</div> <div>Shrouded Yes</div>		