8-215460-0 ✔ ACTIVE

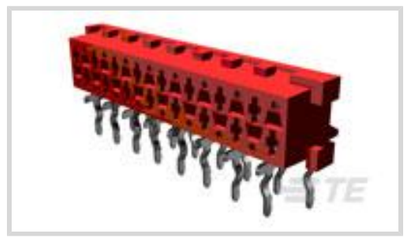
Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 8-215460-0

Ribbon Cable Connectors, Cable-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Right Angle, Through Hole - Solder, 2 Row, Micro-MaTch Industrial

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: **Cable-to-Board**

Number of Positions: **10**

Centerline (Pitch): **2.54 mm [.1 in]**

PCB Mount Retention: **With**

PCB Mount Retention Type: **Kinked Legs**

Features

Product Type Features

Ribbon Cable Connector Type	Female-on-Board
Connector Product Type	Connector Assembly
Connector System	Cable-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	10
PCB Mount Orientation	Right Angle
Number of Rows	2

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	100 VAC

Body Features

Primary Product Color	Red
Connector Profile	Standard

Contact Features

PCB Contact Termination Area Plating Material Thickness	3 – 5 µm[118.11 – 196.85 µin]
Contact Layout	Staggered

Contact Type	Receptacle
Contact Mating Area Plating Material Thickness	3 – 5 µm[118.11 – 196.85 µin]
Contact Mating Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Kinked Legs
Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Side
Housing Material	Glass Filled PBT
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	1.5 mm[.059 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Rating	Recognized
Agency/Standard	UL

Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	250
Packaging Method	Box

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Compatible Parts

TE Part # CAT-M5833-M2934A
Male-on-Wire Connector, Micro-MaTch

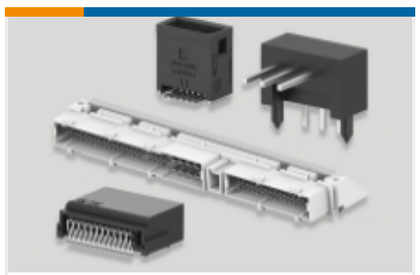
TE Part # CAT-M5833-M2934
Male-on-Board Connector, Micro-MaTch

TE Part # 1-338095-0
MICRO-MATCH COSIHSG

Also in the Series | Micro-MaTch Industrial

Board-In Connectors(20)

Insertion & Extraction Tools(1)



PCB Headers & Receptacles(1)

Pluggable I/O Cable Assemblies(52)

Ribbon Cable Connectors(185)

Wire-to-Board Connector Contacts(4)

Customers Also Bought

TE Part #3-1393774-4
V23026B1101B201

TE Part #1-1393239-7
RT114524

TE Part #8-1879208-2
CPF 0402 24K 0.1% 25PPM 1K RL

TE Part #7-1879215-5
CPF 0402 27K4 0.1% 25PPM 1K RL

TE Part #3-2176339-9
CRGCQ 0603 15K 1%

TE Part #2-1415899-7
RZH3-1A4-D009

TE Part #2170668-1
ANGLED ENTRY JACK, SHIELDED RJ45

TE Part #173801-E
IDCCS SMC 1,27 12 * AU AUI 300 PVC

Documents

Product Drawings

MICRO-MATCH FSID P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-215460-0_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-215460-0_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-215460-0_J.3d_stp.zip

English

Datasheets & Catalog Pages

Micro-MaTch Catalog

English

Ribbon Cable Interconnect Solutions

English

Centerline Micro-Match Connector Series

English

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English

Agency Approvals

UL Report

English