7-215464-8 ✔ ACTIVE

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

TE Internal #: 7-215464-8

Ribbon Cable Connectors, Board-to-Board, 8 Position, 1.27 mm [.05 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug, Micro-MaTch Industrial

[View on TE.com >](#)

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

Number of Positions: **8**

Centerline (Pitch): **1.27 mm [.05 in]**

PCB Mount Retention: **With**

PCB Mount Retention Type: **Kinked Solder Tails**

[All Male-on-Board Connector, Micro-MaTch (36)](#)

Features

Product Type Features

Connector Type	Connector Assembly
Ribbon Cable Connector Header Type	Shrouded
Connector Product Type	Connector Assembly
Connector System	Board-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	8
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	100 VAC

Body Features

Daisy Chain	Without
Connector Profile	Standard

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Contact Features

PCB Contact Termination Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]
Mating Tab Width	.7 mm[.028 in]
Mating Tab Thickness	.4 mm[.016 in]
Contact Type	Pin
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 Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Thickness	.5 mm[.02 in]
Rectangular Termination Post & Tail Width	.4 mm[.015 in]
Termination Post & Tail Length	3.1 mm[.122 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
Contact Retention Type Within Housing	Press-Fit
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Kinked Solder Tails
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Contact Friction
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Top
Housing Material	PBT GF
Housing Color	Red
Centerline (Pitch)	1.27 mm[.05 in]

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Dimensions

Connector Length	8.89 mm[.35 in]
Connector Height	6.9 mm[.27 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]
Row-to-Row Spacing	2 mm[.059 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Rating	Recognized
UL File Number	E28476
Agency/Standard	UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	250
Packaging Method	Box & Carton

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

Product Compliance Disclaimer

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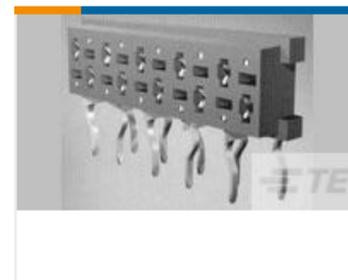
Compatible Parts

TE Part # CAT-M5833-F3492A
FEMALE-ON-BOARD CONNECTOR TOP ENTRY

TE Part # 7-215460-8
MICRO-MATCH FSID P

TE Part # 338070-8
MICRO-MATCH FEM.SE

TE Part # 100400-8
MICRO-MATCH FSID NP

TE Part # 7-188431-8
MM 8p FIB SMD connector

TE Part # 215460-8
MICRO-MATCH FEM.SE

TE Part # 7-100400-8
MICRO-MATCH FSID NP

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, Board-to-Board, 8 Position, 1.27 mm [.05 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug, Micro-MaTch Industrial

Ribbon Cable Connectors(184)

Wire-to-Board Connector Contacts(4)

Documents

Product Drawings

08P.MICRO-MATCH MOB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-215464-8_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-215464-8_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-215464-8_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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

English

Product Compliance

English

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Agency Approvals
UL Report

English