338728-4 ✔ ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 338728-4

Board-to-Board, 4 Position, 1.27 mm [.05 in] Centerline, Vertical, Surface Mount, 2 Row, Plug, Micro-MaTch Industrial, Ribbon Cable Connectors

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors > Male-on-Board Connector, Micro-MaTch



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

Number of Positions: **4**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Vertical**

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

Features

Product Type Features

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	4
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	100 VAC

Body Features

Daisy Chain	Without
Primary Product Color	Red
Connector Profile	Standard

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	Phosphor Bronze
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Square Termination Post & Tail Dimension	.4 mm[.016 in]
Rectangular Termination Post & Tail Width	.5 mm[.02 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment	Without
Contact Retention Type Within Housing	Press-Fit
PCB Mount Alignment	Without
PCB Mount Retention	Without
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
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Connector Length	8.3 mm[.326 in]

Connector Height	4.6 mm[.18 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
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	2500
Packaging Method	Reel

Product Compliance

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

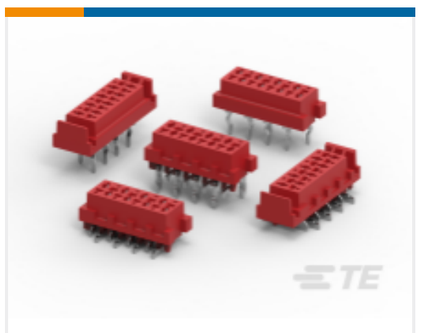
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products

will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # CAT-M5833-F3492A
Female-on-Board Connector, Top Entry



TE Part # 7-215460-4
MICRO-MATCH FSID P



TE Part # 215460-4
MICRO-MATCH FEM.SE



TE Part # 100400-4
MICRO-MATCH FSID NP



TE Part # 338070-4
MICRO-MATCH FEM.SE



TE Part # 7-188431-4
MM 4P FIB SMD CONNECTOR



TE Part # 7-100400-4
NOT POLARIZED,BOX A 250ST

Also in the Series | Micro-MaTch Industrial



Board-In Connectors(21)



Connector Contacts(4)



Insertion & Extraction Tools(1)



Pluggable I/O Cable Assemblies(52)



Ribbon Cable Connectors(186)

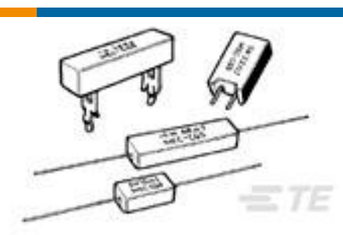
Customers Also Bought



TE Part #188275-4
MICRO-MATCH SMD FTE



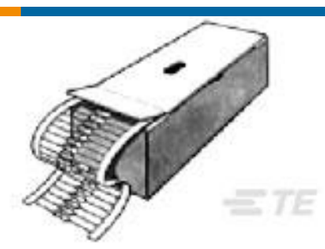
TE Part #1-5050871-9
SOCKET,MIN-SPR W/H SN-AU SER-5



TE Part #2-1879068-0
SQB40 1K0 5% (WIRE) 6.35MM FAS



TE Part #151730
22-16 PIDG R/T 2BA NYLON EXP.1



TE Part #2176082-2
EP 3W (S) 15R 5%



TE Part #2108614-5
2.7H SPRING FINGER WITH EMBOSS



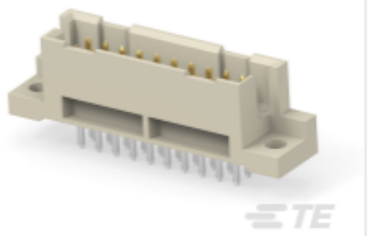
TE Part #100400-4
MICRO-MATCH FSID NP



TE Part #1-1534840-1
12POS MQS TAB COD A



TE Part #1379671-2
40W PLUG HSG ASSY GRAY



TE Part #374932-E
STVQ/3 20 MI AB VV 4-00 GA06 4,0 * 247 E

Documents

Product Drawings

MICROM. MOB SMD CON

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_338728-4_E_c-338728-4-e.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_338728-4_E_c-338728-4-e.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_338728-4_E_c-338728-4-e.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

Centerline Micro-Match Connector Series

English

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2834055-1 1-794222-0 1903112-2 2005330-1 2310537-1 650075-000 ROX05SJ18R SBCHE64R7K
RH73H2A40MKTN 175977-2 1969656-1 2-292161-3 CRGCQ2010J3K3 3-1393225-0 3631B101LL
936348-1 MPT100C18RF SMW73R0JT 2377783-2 1393431-1 1743455-2 2380312-2 141991-2 917696-1
CPF0402B37K4E1 U5254-000005-030PA 1-962915-1 3430B2F51RTDF SBCHE154R7K TE50BR39J