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FFC Connector Product Type: **Connector Assembly**

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

Number of Positions: **7**

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

Number of Rows: **1**

Features

Product Type Features

Connector & Housing Type	Receptacle
FFC Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Insertion Force Type	Low Insertion Force (LIF)

Configuration Features

Number of Positions	7
Number of Rows	1
PCB Mount Orientation	Vertical

Contact Features

Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	3.56 mm[.14 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Mating Alignment Type	Polarization
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Z Bend
Mating Retention	Without
Mating Alignment	With
Panel Mount Feature	Without
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]
FFC Cable Entry	Vertical
Housing Color	Black
Dimensions	
PCB Thickness (Recommended)	1.57 mm[.062 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	720
Packaging Method	Tray
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

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>

Also in the Series | **TRIO-MATE**



Documents

Product Drawings
TRIOMATE ASSY V 7P L=3.556
English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_5-520315-7_S.2d_dxf.zip
English

Customer View Model
ENG_CVM_CVM_5-520315-7_S.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_5-520315-7_S.3d_stp.zip](#)

English

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Product Specifications

[Trio-Mate Flat Flexible Discrete Circuit .100 Connectors](#)

English

[Application Specification](#)

Japanese

[Application Specification](#)

English