

1-84984-2

✓ ACTIVE

FPC

TE Internal #: 1-84984-2

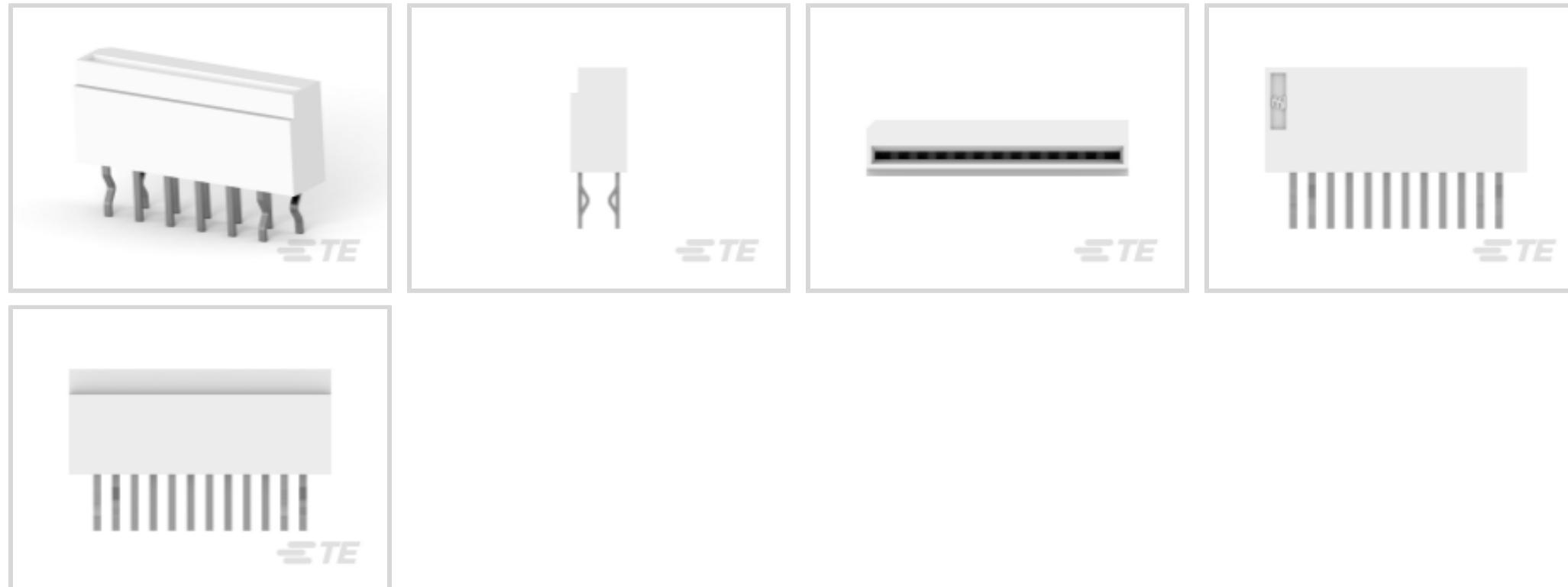
1 mm [.039 in] Centerline, Vertical, Through Hole - Solder, Tin, 12

Position, FPC Connectors

[View on TE.com >](#)



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



Centerline (Pitch): 1 mm [.039 in]

Mating Retention Type: Non ZIF

PCB Mount Orientation: Vertical

Termination Method to PCB: Through Hole - Solder

Contact Mating Area Plating Material: Tin

Features

Electrical Characteristics

Operating Voltage	125 VAC
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Usage Conditions

Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Product Type Features

Connector & Contact Terminates To	Printed Circuit Board, Flexible Printed Circuit (FPC)
Connector Product Type	Connector Assembly
Connector System	Flex-to-Board
PCB Connector Assembly Type	PCB Mount Receptacle

Body Features

Primary Product Color	White
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Identification Marking

Circuit Identification Feature	With
Packaging Features	
Packaging Quantity	34
Packaging Method	Tube, Box & Tube
Dimensions	
Accepts Flex Cable Thickness	.3 mm[.012 in]
Connector Width	3 mm[.118 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	5.6 mm[.22 in]
Connector Length	14 mm[.551 in]
Contact Features	
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1 μ m[39.37 μ in]
Contact Current Rating (Max)	1 A
Contact Shape & Form	Single Beam
PCB Contact Termination Area Plating Material Thickness	1 μ m[39.37 μ in]
Contact Layout	Staggered Type A
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin
Termination Features	
Termination Post & Tail Length	3 mm[.118 in]
Termination Method to PCB	Through Hole - Solder
Configuration Features	
Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Vertical
Number of Positions	12
Mechanical Attachment	
Connector Mounting Type	Board Mount

PCB Mount Retention	With
PCB Mount Retention Type	Kinked Solder Tails
Mating Alignment	With
PCB Mount Alignment	With
Mating Retention Type	Non ZIF

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	1 mm [.039 in]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	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>

Compatible Parts



TE Part # 1-84983-2
1mm FFC DIP H ASSY 12P NAT(TB)

Customers Also Bought



TE Part #2-5499206-6
A/L UNIV HDR 26P VERT LG LAT BLUE



TE Part #4-640441-0
10P MTA100 CONN ASSY WHT



TE Part #1-640457-0
10P MTA100 HDR ASSY SQ R/A F/L



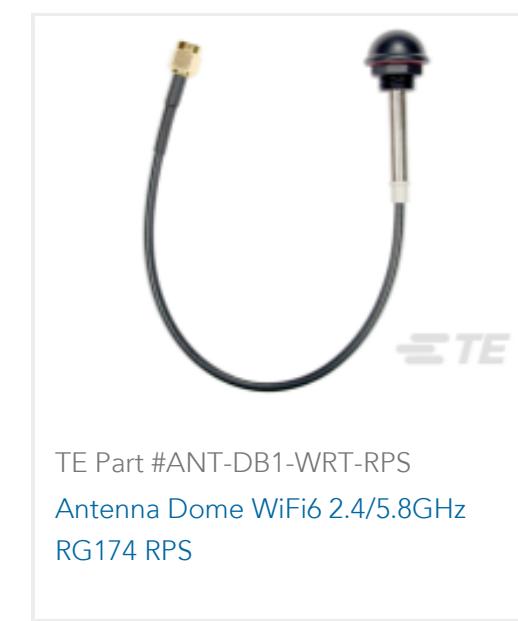
TE Part #CAT-M5833-C1121
MICRO-MATCH STD MOW TO MOW
CABLE ASSY



TE Part #6-1624113-4
3650 0805 0.68uH 5% 2K RL



TE Part #1SNK900200R0000
TC5



TE Part #ANT-DB1-WRT-RPS
Antenna Dome WiFi6 2.4/5.8GHz
RG174 RPS



TE Part #7574444009
RAYRIM-NR8-0-SP



TE Part #1006015-1
LDTC-H,REDUCED HEIGHT

Documents

Product Drawings

[1mm FFC DIP V ASSY 12P TUBE](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_1-84984-2_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-84984-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-84984-2_D.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[FPC Connector Family](#)

English

[1-1773959-7-FPC-Connectors-CN](#)

English

Product Specifications

[Product Specification](#)

English