

1-84984-2

✓ ACTIVE

FPC

TE Internal #: 1-84984-2

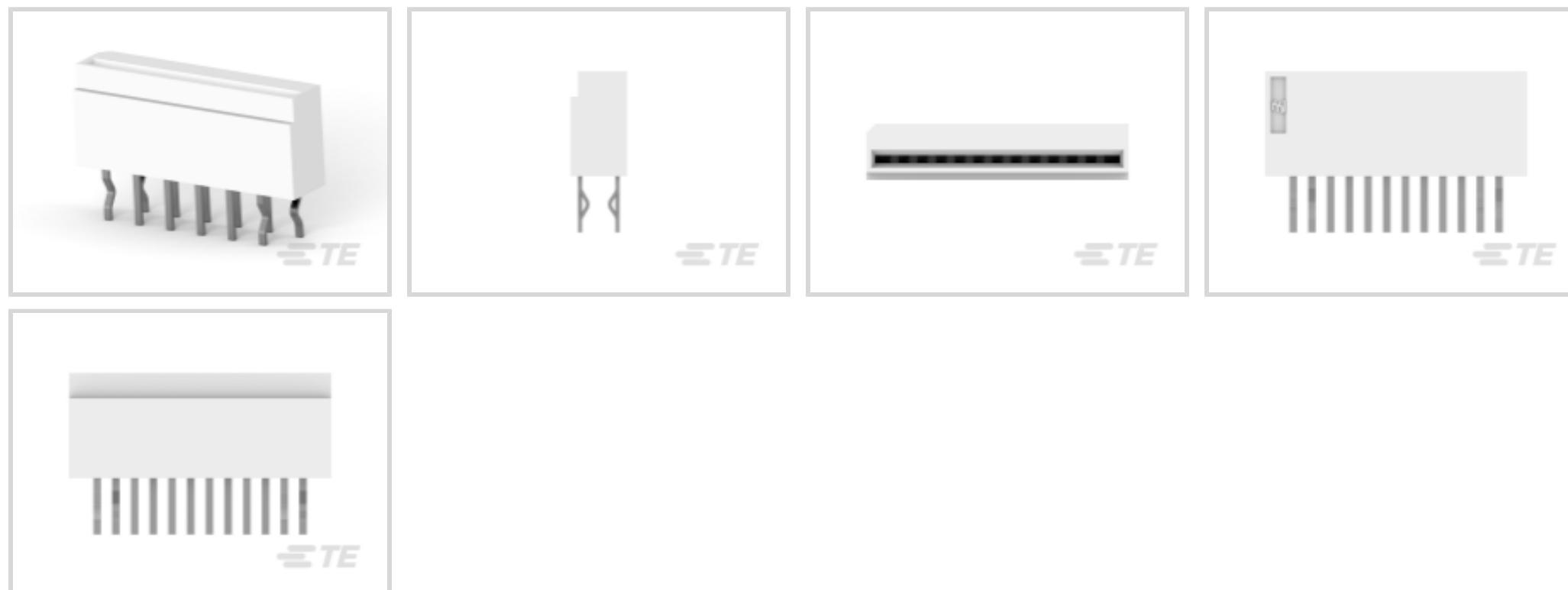
FPC Connectors, Flex-to-Board, 12 Position, .039 in [1 mm]

Centerline, Non-ZIF, Vertical, Through Hole - Solder, Height .22 in

[5.6 mm]

[View on TE.com >](#)

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

Connector System: **Flex-to-Board**Number of Positions: **12**Centerline (Pitch): **1 mm [.039 in]**Insertion Force Type: **Non-ZIF**PCB Mount Orientation: **Vertical****Features****Product Type Features**

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

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
Number of Positions	12
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	125 VAC
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Body Features

Primary Product Color

White

Contact Features

PCB Contact Termination Area Plating Material Thickness

1 μm [39.37 μin]

Contact Layout

Staggered Type A

Contact Type

Socket

Contact Mating Area Plating Material Thickness

1 μm [39.37 μin]

PCB Contact Termination Area Plating Material Finish

Matte

Contact Shape & Form

Single Beam

Contact Mating Area Plating Material Finish

Matte

PCB Contact Termination Area Plating Material

Tin

Contact Base Material

Phosphor Bronze

Contact Mating Area Plating Material

Tin

Contact Current Rating (Max)

1 A

Termination Features

Termination Post & Tail Length

3 mm[.118 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

Mechanical Attachment

Mating Alignment

With

PCB Mount Retention Type

Kinked Solder Tails

Connector Mounting Type

Board Mount

PCB Mount Alignment

With

PCB Mount Retention

With

Housing Features

Housing Material

PBT GF

Centerline (Pitch)

1 mm[.039 in]

Dimensions

Connector Length

14 mm[.551 in]

PCB Thickness (Recommended)

1.6 mm[.063 in]

Connector Height

5.6 mm[.22 in]

Connector Width

3 mm[.118 in]

Accepts Flex Cable Thickness

.3 mm[.012 in]

Usage Conditions

Operating Temperature Range

-20 – 85 °C[-4 – 185 °F]

Operation/Application

Circuit Application

Signal

Identification Marking

Circuit Identification Feature

With

Packaging Features

Packaging Quantity

34

Packaging Method

Box & Tube, Tube

Product ComplianceFor 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: JAN 2024
(240)Candidate List Declared Against: JAN 2024
(240)

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



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



TE Part #2132781-4
04P EP-II HOUSING, NATURAL



TE Part #6-1676481-7
CPF 0603 3K9 0.1% 25PPM 1K RL



TE Part #1-2834015-4
4POS 2.54MM TES CONN.



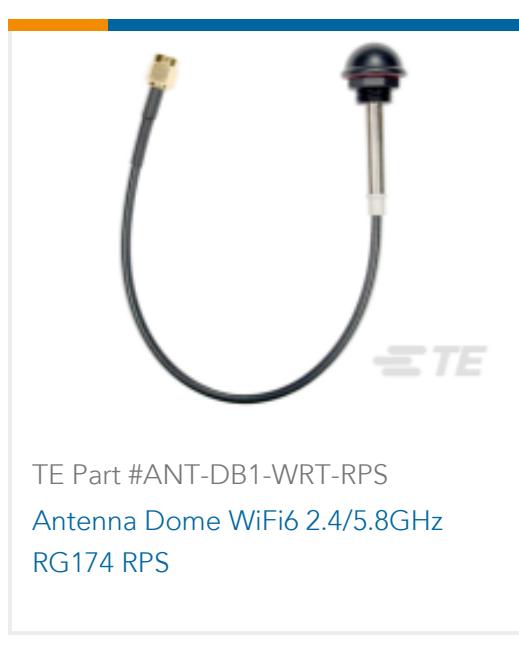
TE Part #535541-4
06 MODIV VRT SR CE 100/115



TE Part #1SNK900200R0000
TC5



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



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

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