



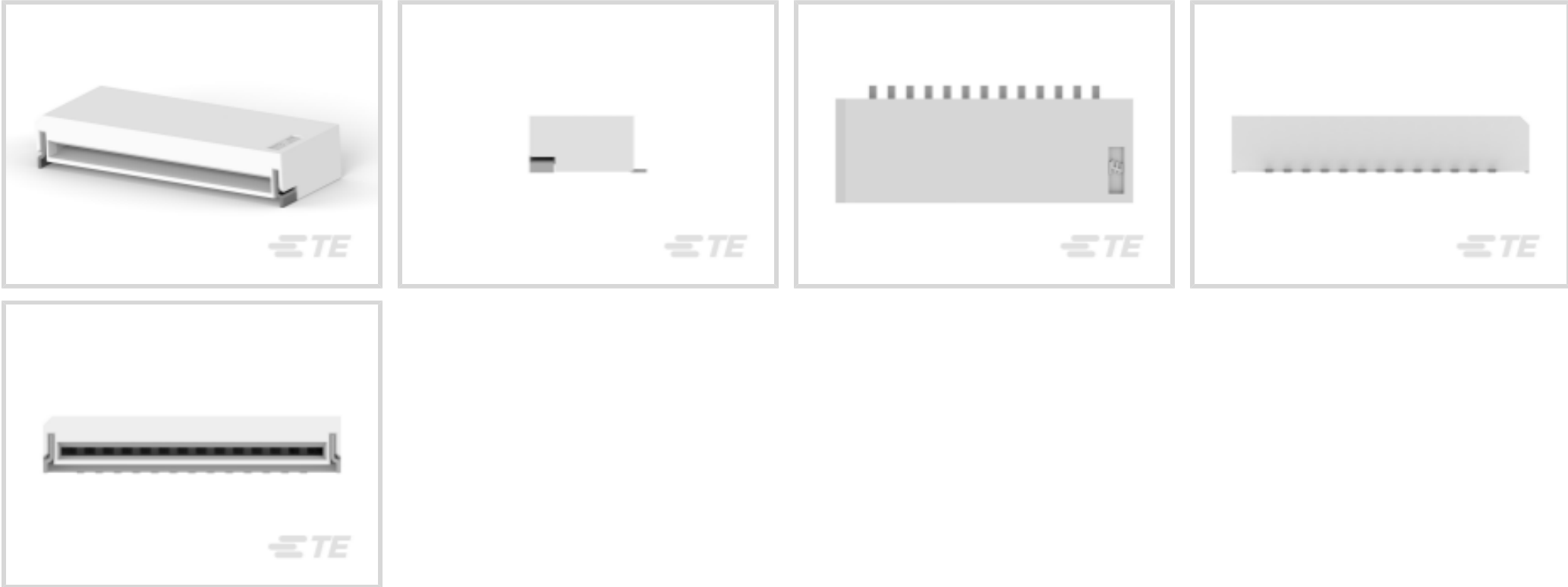
FPC

TE Internal #: 1-84981-3

1 mm [.039 in] Centerline, Non ZIF, Right Angle, Surface Mount, Tin (Sn), 13 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]

Insertion Force Type: Non ZIF

PCB Mount Orientation: Right Angle

Contact Mating Location: Top

Termination Method to PCB: Surface Mount

Features

Product Type Features

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

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Right Angle
Number of Positions	13

Electrical Characteristics

Operating Voltage	125 VAC
-------------------	---------

Body Features

Primary Product Color	Natural
-----------------------	---------



Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]
Contact Current Rating (Max)	1 A
PCB Contact Termination Area Plating Material Thickness	1 μm[39.37 μin]
Contact Shape & Form	Single Beam
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material Finish	Matte
Contact Mating Location	Top
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Post & Tail Length	.7 mm[.028 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention	With
Mating Alignment	Without
PCB Mount Alignment	Without

Housing Features

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

Dimensions

Accepts Flex Cable Thickness	.3 mm[.012 in]
Connector Width	6.3 mm[.248 in]
Connector Height	3 mm[.118 in]
Connector Length	16 mm[.63 in]

Usage Conditions

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

Operation/Application



Circuit Application	Signal
---------------------	--------

Identification Marking

Circuit Identification Feature	Without
--------------------------------	---------

Packaging Features

Packaging Quantity	1500
Packaging Method	Tape

Product Compliance

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

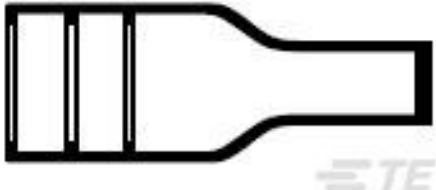
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 245°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>

Customers Also Bought





TE Part #808013-000
202D153-3-0



TE Part #814369-000
202D163-4-0



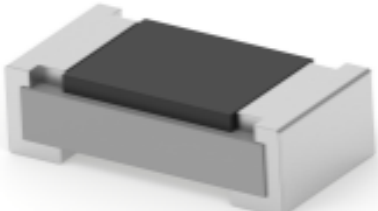
TE Part #808030-000
202D132-3-0



TE Part #ANT-433-PW-RA
Antenna 1/4 Wave 433MHz Swivel
Screw #6



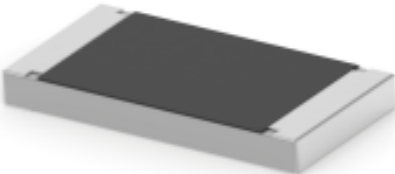
TE Part #4-1879233-3
SMW5 5R6 5%



TE Part #6-2176237-1
CPF A 0603 100K 0.1% 25PPM 5K RL



TE Part #4-2176327-3
CRGP 0805 33K 1%



TE Part #2-2176350-1
CRGCQ 2512 2K2 5%



TE Part #1-2176397-1
3502 2R7 1%



TE Part #2307815-4
4P,2MM,BB,REC,SRVT,SMD,AU.76,TR,
W/CP

Documents

Product Drawings

1MM FFC SMT H ASSY 13P EMBOSS

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-84981-3_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-84981-3_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-84981-3_J.3d_stp.zip

English

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

Datasheets & Catalog Pages



1-1773959-7-FPC-Connectors-CN

English

FPC Connector Family

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English