1-84534-3 ✔ ACTIVE

FPC

TE Internal #: 1-84534-3

FPC Connectors, Flex-to-Board, 13 Position, .049 in [1.25 mm] Centerline, Non-ZIF, Vertical, Through Hole - Solder, Height .307 in [7.8 mm]

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FPC Connectors > 1.25mm FPC Connectors







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

Number of Positions: **13**

Centerline (Pitch): **1.25 mm [.049 in]**

Insertion Force Type: **Non-ZIF**

PCB Mount Orientation: **Vertical**

All 1.25mm FPC Connectors (65)

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)

Configuration Features

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

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	White

Contact Features

PCB Contact Termination Area Plating Material Thickness	.8 µm[31.49 µin]
Contact Layout	Staggered Type A
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
PCB Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Single Beam
Contact Mating Area Plating Material Finish	Bright
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	3.2 mm[.126 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)	1.25 mm[.049 in]

Dimensions

Connector Length	20 mm[.787 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	7.8 mm[.307 in]
Connector Width	4.8 mm[.189 in]
Accepts Flex Cable Thickness	.3 mm[.012 in]

Usage Conditions

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]

Operation/Application

Circuit Application	Signal

Identification Marking

Circuit Identification Feature	With

Packaging Features

Packaging Quantity	160
Packaging Method	Box & Tray, Tray

Product Compliance

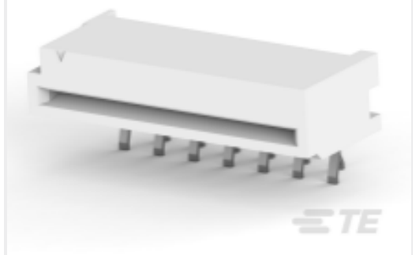
For compliance documentation, visit the product page on TE.com>

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: 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 # 1-84533-3
1.25MM FFC POST PLATED H 13P

Customers Also Bought



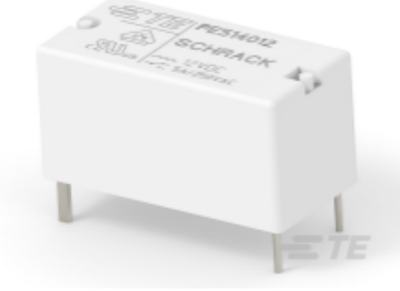
TE Part # 1623795-9
Wirewound Resistor: Horizontal Mount



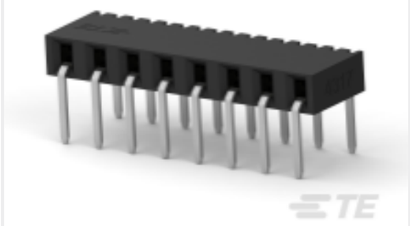
TE Part # 194018-1
PIN ASSY..070



TE Part # 2-2013289-1
EMBOSS TAPE DDR3 204P 5.2H STD



TE Part # 2-1393219-0
PE514012



TE Part # 2314936-8
8P,2MM,B-B,REC,SRHZ,2.8,0.1AU,TR



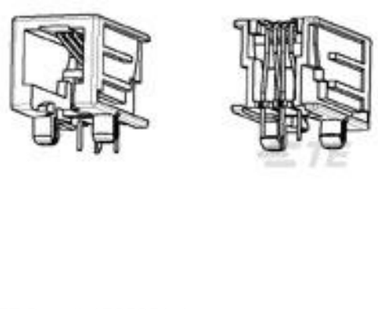
TE Part # 2176337-1
CRGCQ 0402 10R 1%



TE Part # 3-2176341-1
CRGCQ 0805 3K3 1%



TE Part # 8-2176412-4
5W XSM M/OX 5% 15K



TE Part # 1705951-1
Modular Jack SE, 8/8, Gold flash

Documents

Product Drawings

1.25MM FFC POST PLATED V 13P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-84534-3_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-84534-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-84534-3_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

1-1773959-7-FPC-Connectors-CN

FPC Connector Family

English

Product Specifications

Product Specification

English