487576-9 ✔ ACTIVE

ZIF-LINE | ZIF LINE

TE Internal #: 487576-9

Connector Assembly, Wire-to-Board, 17 Position, 1.27 mm [.05 in] Centerline, 2 Row, Vertical, Socket, Tube, ZIF LINE, FFC Connectors

View on TE.com >

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



FFC Connector Product Type: **Connector Assembly**

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

Number of Positions: **17**

Centerline (Pitch): **1.27 mm [.05 in]**

Number of Rows: **2**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Receptacle
FFC Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Insertion Force Type	Zero Insertion Force (ZIF)

Configuration Features

Number of Positions	17
Number of Rows	2
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	150 VAC
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	500 VAC

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Phosphor Bronze

Contact Mating Area Plating Material Thickness	3.81 µm
Contact Type	Socket
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.94 mm[.155 in]

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	1.27 mm[.05 in]
FFC Cable Entry	Vertical

Dimensions

PCB Thickness (Recommended)	1.57 mm

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	19
Packaging Method	Tube

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 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	Wave solder capable to 265°C

Product Compliance Disclaimer

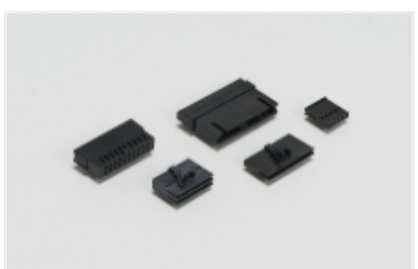
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-84534-7
1.25MM FFC POST PLATED V 17P

Also in the Series | ZIF LINE

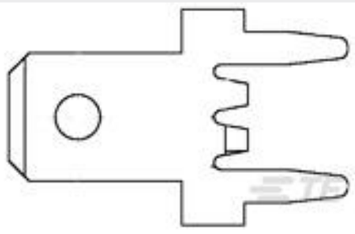


FFC Connectors(24)

Customers Also Bought



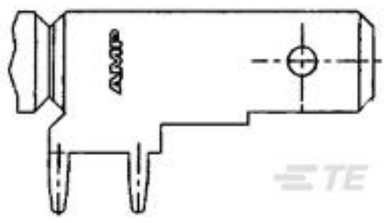
TE Part #204752-E
STVC 96 F ABC VVV 7-00 EE 4,0 * 247 E007



TE Part #63823-1
187 FASTON TAB TPBR



TE Part #63951-4
250 FASTON TAB TPBR



TE Part #63952-1
250 FASTON TAB TPBR



TE Part #640383-4
04P MTA156 HDR ASSY STR SQ SN



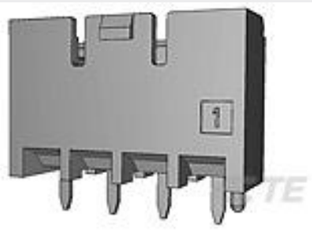
TE Part #640445-5
05P MTA156 HDR ASSY FL/STR SN



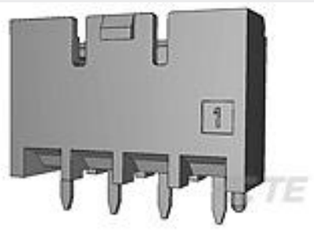
TE Part #1-640445-0
10P MTA156 HDR ASSY FL/STR SN



TE Part #1-640445-9
19P MTA156 HDR ASSY FL/STR SN



TE Part #1376384-1
5mm B-T-W Conn. 4P HDR ASSEMBL



TE Part #1376385-1
5mm B-T-W Conn. 6P HDR ASSEMBL

Documents

Product Drawings

17 ZIF LINE 50 ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_487576-9_P.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_487576-9_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_487576-9_P.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4

English

Product Specifications

Application Specification

English

ZIF 50 Flat Flexible Discrete Wire Connectors

English

Application Specification

English

Application Specification

Japanese

ZIF-Line (Zero Insertion Force) Flexible Film to PC Board Connectors

Japanese