84501-1 ✔ ACTIVE

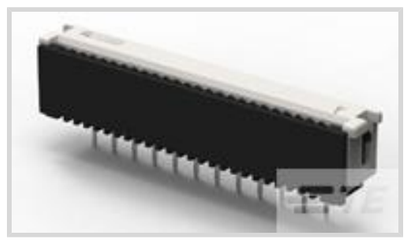
ZIF-LINE | ZIF LINE

TE Internal #: 84501-1

Connector Assembly, Wire-to-Board, 12 Position, 2.54 mm [.1 in] Centerline, 1 Row, Vertical, 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: **12**

Centerline (Pitch): **2.54 mm [.1 in]**

Number of Rows: **1**

Features

Product Type Features

Connector & Contact Terminates To	Flexible Printed Circuit (FPC), 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	12
Number of Rows	1
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black

Contact Features

	150 µin
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
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

PCB Mount Retention	Without
Mating Retention	Without
Mating Alignment	Without

Housing Features

Housing Material	Polyester
Centerline (Pitch)	2.54 mm[.1 in]
FFC Cable Entry	Vertical

Dimensions

PCB Thickness (Recommended)	2.36 mm[.093 in]

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	13
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

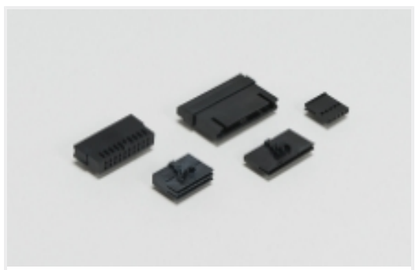
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 487576-4
12 ZIF LINE 50 ASSY

Also in the Series | ZIF LINE

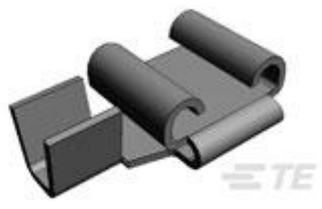


FFC Connectors(24)

Customers Also Bought



TE Part #TAB62235501-001
M12B2-MR-PUR-0.5M



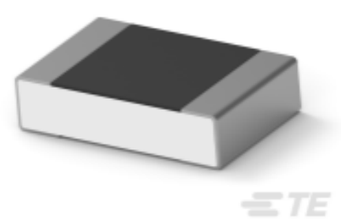
TE Part #63647-1
250 FASTON FLAG REC 18-14 AWG BR



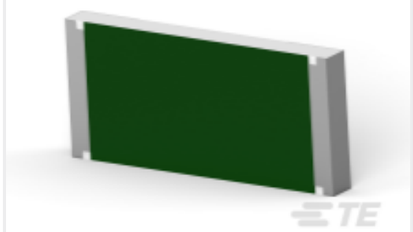
TE Part #2102161-2
Fortis Zd 3Pr 20Col Vert Full Shrd Assy



TE Part #2102319-2
Fortis Zd 20 Col R/A Full Shroud Assy SE



TE Part #6-2176379-6
RQ 0805 511R 0.1% 10PPM 5K RL



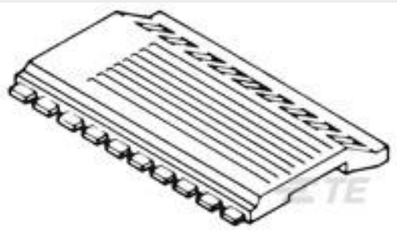
TE Part #1-2176404-0
3550 33K 1%



TE Part #647116-2
02P MTA100 HDR HT FL STR 30AU



TE Part #2-1437507-4
8136-650P3=PIN TIN PLATE PER 3



TE Part #102541-7
18 AMPMODU MT COVER DR .100CL



TE Part #1-1393250-7
W28-XQAT-15=W28

Documents

Product Drawings

12POS ZIF 100 CENTERLINE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_84501-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_84501-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_84501-1_O.3d_stp.zip

English

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