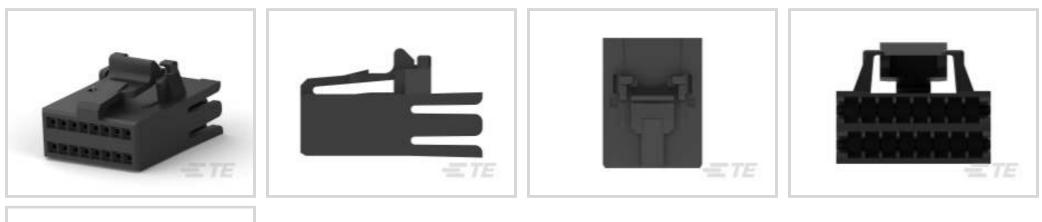
1-487937-6 - ACTIVE

TE Internal #: 1-487937-6 FFC Connectors, Housing, Wire-to-Board, 16 Position, 1.27 mm [.05 in] Centerline, 2 Row, Socket, Package, Mating Retention, Normal, Mating Alignment

View on TE.com >



Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Connectors > FFC Receptacle Housing: 1.27mm





FFC Connector Product Type: Housing

Connector System: Wire-to-Board

Number of Positions: 16

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

Number of Rows: 2

All FFC Receptacle Housing: 1.27mm (52)

Features

Product Type Features

Connector & Housing Type	Receptacle
FFC Connector Product Type	Housing
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable
Insertion Force Type	Normal
Configuration Features	
Number of Positions	16
Number of Rows	2
Electrical Characteristics	
Dielectric Withstanding Voltage (Max)	300 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	100 VAC
Body Features	

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FFC Connectors, Housing, Wire-to-Board, 16 Position, 1.27 mm [.05 in] Centerline, 2 Row, Socket, Package, Mating Retention, Normal, Mating Alignment



Primary Product Color	Black
Contact Features	
Contact Type	Socket
Mechanical Attachment	
Mating Alignment Type	Polarization
Mating Retention Type	Latch
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Polyester
Centerline (Pitch)	1.27 mm[.05 in]
FFC Cable Entry	Straight
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 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	800
Packaging Method	Package
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

FFC Connectors, Housing, Wire-to-Board, 16 Position, 1.27 mm [.05 in] Centerline, 2 Row, Socket, Package, Mating Retention, Normal, Mating Alignment



EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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



FFC Connectors, Housing, Wire-to-Board, 16 Position, 1.27 mm [.05 in] Centerline, 2 Row, Socket, Package, Mating Retention, Normal, Mating Alignment





Customers Also Bought



Documents

Product Drawings 016 HOUSING FFC 50CL DR LATCH

English

CAD Files

Customer View Model ENG_CVM_CVM_1-487937-6_R.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-487937-6_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-487937-6_R.3d_stp.zip

English

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

FFC Connectors, Housing, Wire-to-Board, 16 Position, 1.27 mm [.05 in] Centerline, 2 Row, Socket, Package, Mating Retention, Normal, Mating Alignment



Datasheets & Catalog Pages AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4

English

Product Specifications Application Specification

English