TE Internal #: 1-487937-0

FFC Connectors, Housing, Wire-to-Board, 10 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: 10

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	10
Number of Rows	2

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	300 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	100 VAC

Body Features



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
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No Restricted Materials Above Threshold

China RoHS 2 Directive MIIT Order No 32, 2016



EU REACH Regulation (EC) No. 1907/2006 Current ECHA Candidate List: JUNE 2023 (235)Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC Low Halogen - Br, Cl, F, I < 900 ppm per Halogen Content 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-onreach

Compatible Parts



TE Part # CAT-F439-S01339127 1.27mm FFC Connectors Socket Contacts



TE Part # 5-104549-1 10 SYS50 S/M HDR DRST SHRDSN









TE Part # 104549-1 10 SYS50 SURFMNT HDR DRST SHRD



TE Part # 6-104477-2 10 SYS50 HDR DRRA 145 SOLDESN



TE Part # 104068-2 10 SYSTEM 50 HDR DRST SHRD







TE Part # 5-104068-2

10 SYSTEM 50 HDR DRST SHRD



TE Part # 5-104118-3 10 SYS 50 HDR DRRA UNSHRD SN



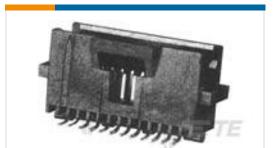
TE Part # 1-104477-2 10 SYS50 HDR DRRA W/.145 SOLDE



TE Part # 103916-1 10 SYSTEM 50 HDR DRST UNSHRD



TE Part # 104118-3 10 SYSTEM 50 HDR DRRA UNSHRD



TE Part # 147377-1 10 SYS50 SMT HDR DR SHD W/O HD



TE Part # 5-103916-1 10 sys 50 hdr drst unshrd sn



Customers Also Bought



TE Part #487545-7 010 HOUSING FFC RCPT 050CL SR



TE Part #2141576-1 32POS NANO MQS TL PLUG HOUSING, CODE A



TE Part #2-487406-3
FFC,RCPT CONTACT,STD PRESSURE



TE Part #3-2176070-2 3521 200R 1% 2W



TE Part #8-1625999-1 HSC100 5R6 5%



TE Part #60196-2 187 FASTON REC 20-16 AWG TPBR



TE Part #1-2176330-3 CRGP 2010 100R 1%





TE Part #1-170823-3 187 FASTON SLEEVE,REC., TRANSPARENT,NAT



Documents



Product Drawings

010 HOUSING FFC 50CL DR LATCH

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-487937-0_R.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-487937-0_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-487937-0_R.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