TE Internal #: 5-487937-0

FFC Connectors, Housing, Wire-to-Board, 50 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: 50

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 |
|-----------------------------------|---------------|
| Connector & Contact Terminates To | Wire & Cable |
| FFC Connector Product Type | Housing |
| Connector System | Wire-to-Board |
| Insertion Force Type | Normal |

Configuration Features

| Number of Positions | 50 |
|---------------------|----|
| 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 | 200 |
| 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 |
| | |

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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















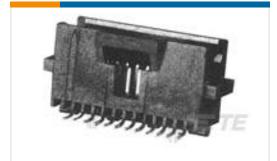






TE Part # 5-104477-5

50 SYSTEM 50 HDR DRRA SHRD SN



TE Part # 104549-7 50 SYS50 SURFMNT HDR DRST SHRD



TE Part # 104068-5 50 SYSTEM 50 HDR DRST SHRD



TE Part # 1-103916-3 50 SYSTEM 50 HDR DRST UNSHRD



TE Part # 104069-2 50 SYSTEM 50 HDR DRRA SHRD



TE Part # 104118-1 50 SYSTEM 50 HDR DRRA UNSHRD



TE Part # 104477-5 50 SYSTEM 50 HDR DRRA SHRD



TE Part # 104666-4 50 SYSTEM 50 HDR DRST SHRD



TE Part # 147377-5 50 SYS50 SMT HDR DR SHD W/O HD



TE Part # 147380-1 50 SYS 50 HDR DRST SHRD W/O HD



TE Part # 5-147380-1 50SYS 50 HDR DRST SHRD SN



TE Part # 6-103916-4 60 sys 50 hdr drst unshrd sn

Customers Also Bought



TE Part #2-487937-4
FFC Receptacle Housing: 1.27mm



TE Part #487378-1
2.54mm FFC Connectors Receptacle
Housing



TE Part #1-487547-1
FFC,RCPT CONTACT,.050" CNTRLIN



TE Part #1-1718646-1 6POS, MCON 1.2 LL REC SEALED

Documents

Product Drawings
050 HOUSING FFC 50CL DR LATCH

English

CAD Files

Customer View Model ENG_CVM_CVM_5-487937-0_R.2d_dxf.zip

English

3D PDF



3D

Customer View Model

ENG_CVM_CVM_5-487937-0_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-487937-0_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