



TE Internal #: 1-487544-2

FFC Connectors, Housing, Wire-to-Board, 15 Position, 1.27 mm [.05 in] Centerline, 1 Row, Socket, Package, Mating Retention, Normal, Straight, Black

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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: **15**

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

Number of Rows: **1**

[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 | 15 |
| Number of Rows | 1 |

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 Retention Type | Detent Window |
| Mating Retention | With |
| Mating Alignment | Without |
| 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 |

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 | 1 |
| 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 |
| 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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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

| | | | |
|---|--|---|--|
|  <p>TE Part # CAT-F439-S01339127 1.27mm FFC Connectors Socket Contacts</p> |  <p>TE Part # 5-104074-3 15 SYSTEM 50 HDR SRRA SHRD SN</p> |  <p>TE Part # 5-104071-3 15 SYSTEM 50 HDR SRST SHRD SN</p> |  <p>TE Part # 5-104186-9 15 SYS 50 HDR SRRA UNSHRD SN</p> |
|  <p>TE Part # 104071-3 15 SYSTEM 50 HDR SRST SHRD</p> |  <p>TE Part # 104074-3 15 SYSTEM 50 HDR SRRA SHRD</p> |  <p>TE Part # 104186-9 15 SYSTEM 50 HDR SRRA UNSHRD</p> |  <p>TE Part # 104804-2 15 SYSTEM 50 HDR SRST SHRD</p> |
|  <p>TE Part # 5-104178-9 15 SYS 50 HDR SRST UNSHRD SN</p> |  <p>TE Part # 5-104804-2 15 SYSTEM 50 HDR SRST SHRD SN</p> | | |

Customers Also Bought





TE Part # 1-487545-2
FFC Receptacle Housing: 1.27mm



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



TE Part # 5-104074-3
15 SYSTEM 50 HDR SRRA SHRD SN



TE Part # 5-104074-2
05 SYSTEM 50 HDR SRRA SHRD SN



TE Part # 1218124-4
37 POS,ASSY,PLUG,LOW PROF,109

TE Part # CTS-S20-20
CONT SOC ASSY

TE Part # CTS-S22-22
CONT SOC ASSY

Documents

Product Drawings

015 HOUSING FFC RCPT 050CL SR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-487544-2_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-487544-2_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-487544-2_Z.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

Application Specification

English

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