



Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Connectors > 2.54mm FFC Connectors Receptacle Housing



FFC Connector Product Type: **Housing**

Connector System: **Wire-to-Board**

Number of Positions: **16**

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

Number of Rows: **2**

[All 2.54mm FFC Connectors Receptacle Housing \(143\)](#)

Features

Product Type Features

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

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 16 |
| Number of Rows      | 2  |

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Operating Voltage                     | 300 VAC |
| Insulation Resistance                 | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 720 VAC |

Body Features



|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Mating Alignment Type   | Polarization               |
| Mating Retention        | Without                    |
| Mating Alignment        | With                       |
| Panel Mount Feature     | Without                    |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | Thermoplastic  |
| Centerline (Pitch) | 2.54 mm[.1 in] |
| FFC Cable Entry    | Straight       |

Dimensions

|                    |                |
|--------------------|----------------|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
|--------------------|----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 105 °C[-85 – 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 2025 (247) |



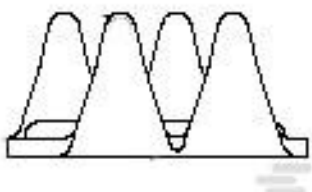
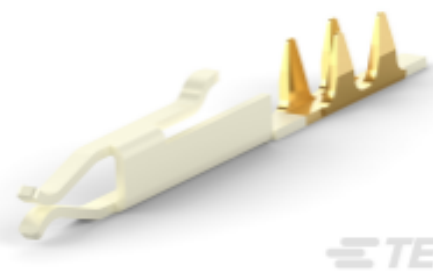
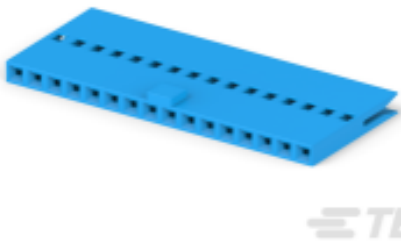
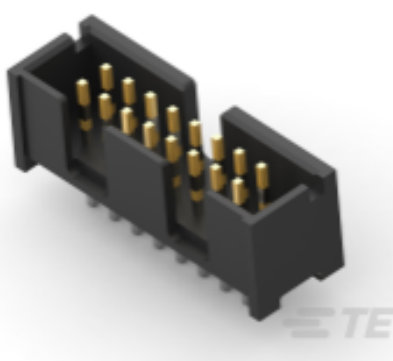
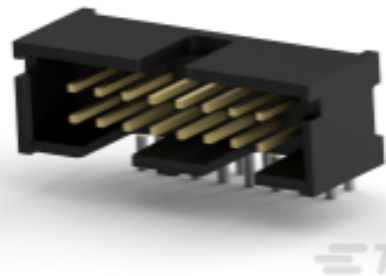
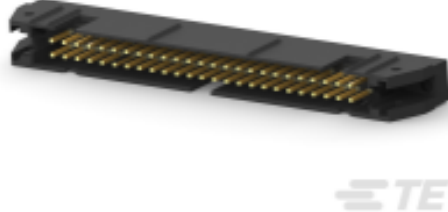
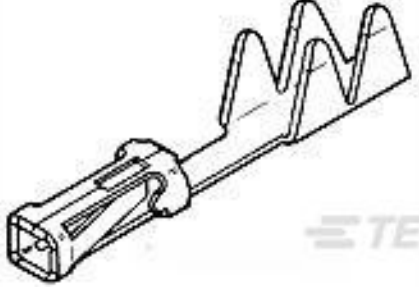
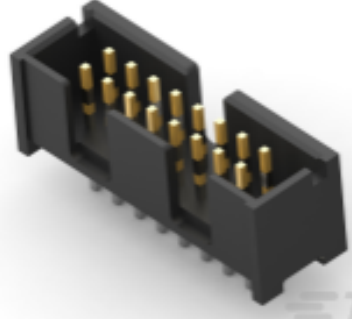
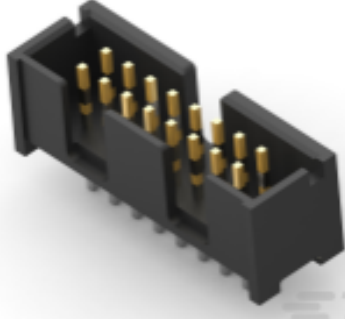
Candidate List Declared Against: JUNE 2024 (241)  
Does not contain REACH SVHC

|                           |                                                |
|---------------------------|------------------------------------------------|
| 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 # 487787-3<br/>FFC SPLICE CONTACT L.P.</p>      |  <p>TE Part # 494060-3<br/>FFC TERMINAL PLT</p>             |  <p>TE Part # CAT-F439-S01339127<br/>1.27mm FFC Connectors Socket Contacts</p> |  <p>TE Part # CAT-F439-S01339254<br/>2.54mm FFC Connectors Socket Contacts</p> |
|  <p>TE Part # 103310-3<br/>016 LOPRO HDR RA 15DP</p>        |  <p>TE Part # 103311-3<br/>016 LOPRO HDR RA 30DP</p>        |  <p>TE Part # CAT-AM74-UN384H<br/>AMP-LATCH UNIVERSAL HEADERS</p>              |  <p>TE Part # 487843-1<br/>FFC SPLICE CONTACT</p>                              |
|  <p>TE Part # 1-487137-1<br/>FFC SOLDER TAB FULL 100 SN</p> |  <p>TE Part # 1761852-1<br/>FFC RCPT 100SNPB RL NO LUBE</p> |  <p>TE Part # 103308-3<br/>016 LOPRO HDR SP 15DP</p>                           |  <p>TE Part # 103309-3<br/>016 LOPRO HDR SP 30DP</p>                           |





TE Part # CAT-F439-P65254  
2.54mm FFC Connectors Pin Contacts

TE Part # CAT-F439-P65127  
FFC Connector Pin Contacts, 1.27 mm

Customers Also Bought

TE Part #969973-2  
2x2P HV100 REC. CON, SMD, GOLD, BLISTER

TE Part #7-215083-6  
MICRO-MATCH MOW.06P

TE Part #CAT-F439-S01339254  
2.54mm FFC Connectors Socket Contacts

TE Part #487223-5  
020 HOUSING FFC RCPT 100CL DR

TE Part #1-87221-0  
11 MODII HDR SRST UNSHRD .150

TE Part #1532215-1  
M83513/01-GN, MCKS-N1-B-51PS

TE Part #205168-1  
AMPLIMITE,ASY,PLUG,STD,109,4

TE Part #8-2176378-0  
RQ 0805 66R5 0.1% 10PPM 5K RL

Documents

Product Drawings

016 HOUSING FFC RCPT 100CL DR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_487223-3\_P.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_487223-3\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_487223-3\_P.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Product Specifications

Application Specification

English

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Instruction Sheets

Instruction Sheet (U.S.)

English

Extraction Tools

English

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Agency Approvals

Agency Approval Document

English