



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 & 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 | 16 |
| Number of Rows      | 2  |

Electrical Characteristics

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

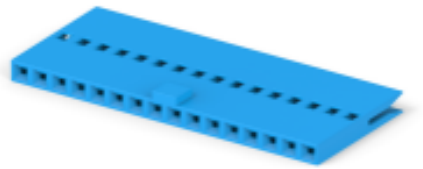
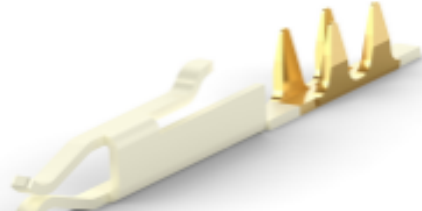
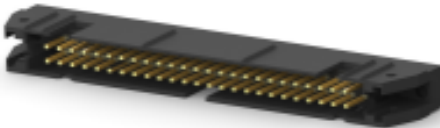
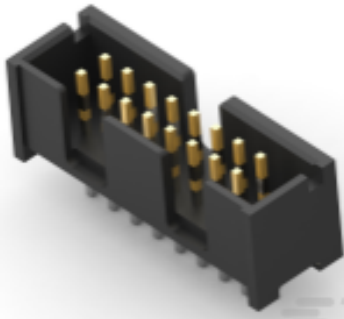
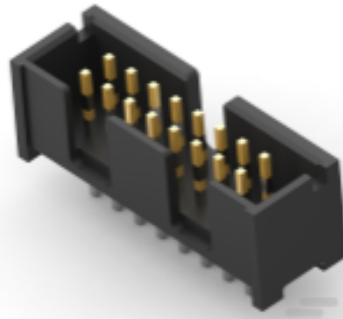
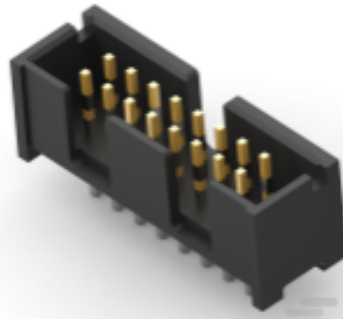


|                                        |                                                                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

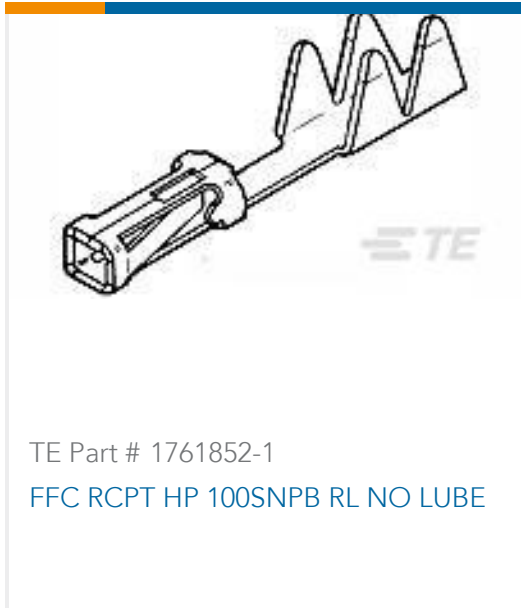
|                                                                                                                                                                   |                                                                                                                                                                   |                                                                                                                                                                |                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-F439-S01339254<br/>2.54mm FFC Connectors Socket Contacts</p> |  <p>TE Part # CAT-F439-S01339127<br/>1.27mm FFC Connectors Socket Contacts</p> |  <p>TE Part # CAT-F439-P65127<br/>FFC Connector Pin Contacts, 1.27 mm</p> |  <p>TE Part # CAT-AM74-UN384H<br/>AMP-LATCH UNIVERSAL HEADERS</p> |
|  <p>TE Part # CAT-F439-P65254<br/>2.54mm FFC Connectors Pin Contacts</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>                      |  <p>TE Part # 103310-3<br/>016 LOPRO HDR RA 15DP</p>              |







TE Part # 103311-3  
016 LOPRO HDR RA 30DP



TE Part # 1761852-1  
FFC RCPT HP 100SNPB RL NO LUBE



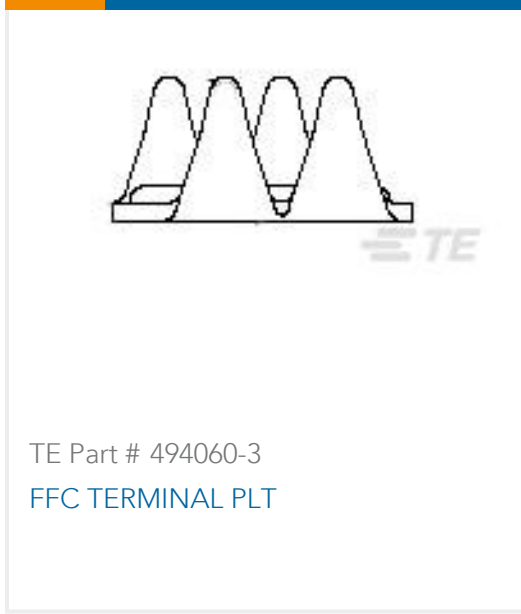
TE Part # 1-487137-1  
FFC SOLDER TAB FULL 100 SN



TE Part # 487787-3  
FFC SPLICE CONTACT L.P.

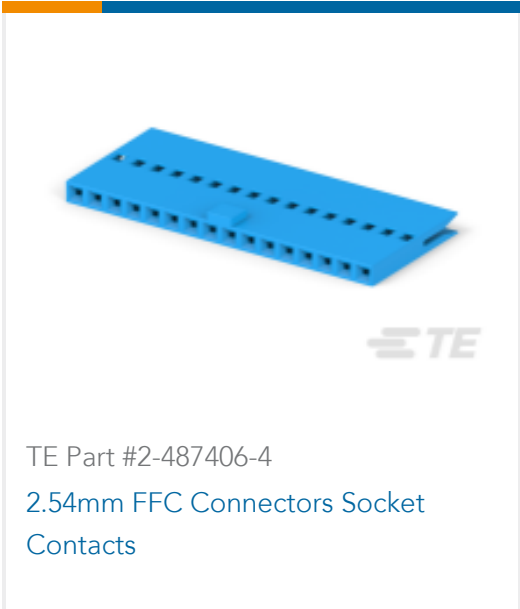


TE Part # 487843-1  
FFC SPLICE CONTACT



TE Part # 494060-3  
FFC TERMINAL PLT

Customers Also Bought



TE Part #2-487406-4  
2.54mm FFC Connectors Socket  
Contacts



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



TE Part #5646951-1  
2MM H.M. 8 + 2 ROW D/E PIN ASS



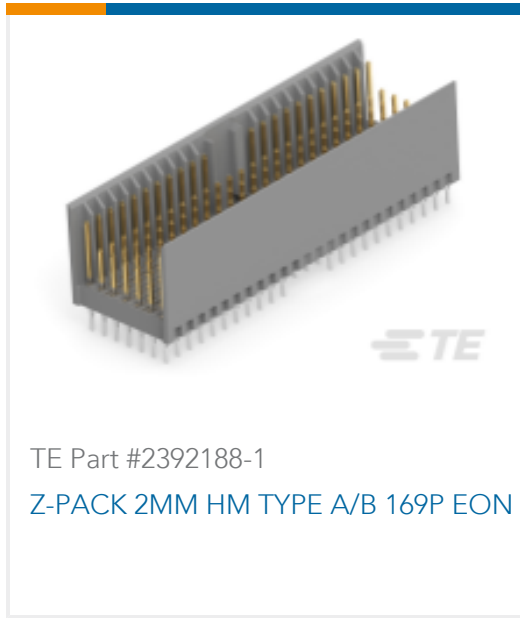
TE Part #5-1415036-1  
PTML0024



TE Part #8-1415035-1  
RT78724



TE Part #3-1393239-8  
RT174012



TE Part #2392188-1  
Z-PACK 2MM HM TYPE A/B 169P EON



TE Part #3-2823223-3  
33P AMPMODU MOD IV HOUSING,  
FFC.

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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Extraction Tools

English

Agency Approvals

[Agency Approval Document](#)

English