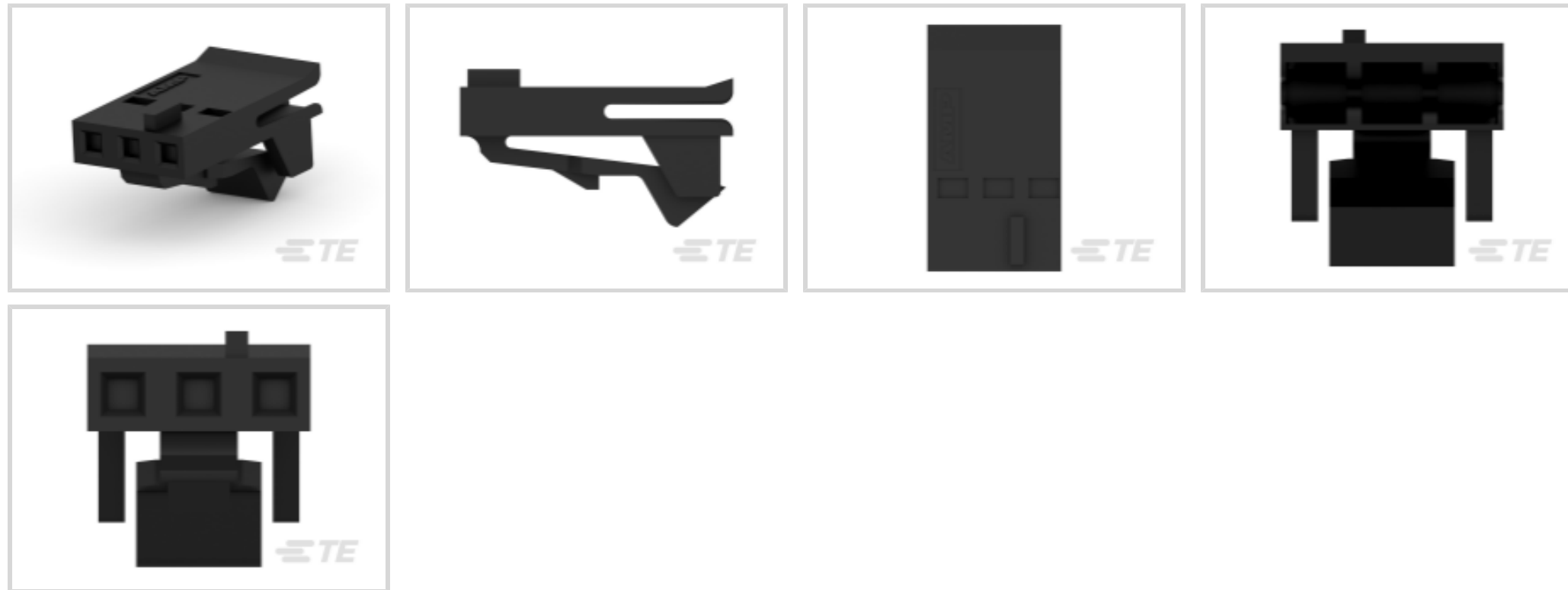




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Connectors >

2.54mm FFC Connectors Receptacle Housing



FFC Connector Product Type: **Housing**

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

Number of Positions: **3**

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

Number of Rows: **1**

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

Features

Product Type Features

| | |
|-----------------------------------|---------------|
| Connector & Housing Type | Receptacle |
| FFC Connector Product Type | Housing |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |
| Insertion Force Type | Normal |

Configuration Features

| | |
|-----------------------------------|-----|
| Compatible With Wire & Cable Type | FFC |
| Number of Positions | 3 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|---------------------------------------|---------|
| Dielectric Withstanding Voltage (Max) | 720 VAC |
|---------------------------------------|---------|



| | |
|-----------------------|---------|
| Insulation Resistance | 5000 MΩ |
|-----------------------|---------|

| | |
|-------------------|---------|
| Operating Voltage | 300 VAC |
|-------------------|---------|

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 | Thermoplastic |
|------------------|---------------|

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 2.54 mm [.1 in] |
|--------------------|-----------------|

| | |
|-----------------|----------|
| FFC Cable Entry | Straight |
|-----------------|----------|

| | |
|---------------|-------|
| Housing Color | Black |
|---------------|-------|

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 | 1000 |
|--------------------|------|

| | |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

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 2022 (224)
 Candidate List Declared Against: JUNE 2022 (224)
 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



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



TE Part # 103670-2
 03 MTE HDR SRST LATCH W/HLDWN



TE Part # 5-103672-2
 03 MTE HDR SRRA LATCH W/HLDWN



TE Part # 5-103634-2
 03 MTE HDR SRRA LATCH.100CL LF



TE Part # 5-103639-2
 03 MTE HDR SRST LATCH .100CL



TE Part # 5-103673-2
 3 MTE HDR SRRA LATCH W/HLDWN



TE Part # 5-103635-2
 03 MTE HDR SRRA LATCH.100CL LF



TE Part # 5-103735-2
 03 MTE HDR SRST LATCH .100CL



Documents

Product Drawings

[003 HOUSING FFC RCPT 100CL SR](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_487526-2_AT.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_487526-2_AT.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_487526-2_AT.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

Product Environmental Compliance

[MD_487526-2_10052017232_dmtec](#)

English

[MD_487526-2_10052017232_dmtec](#)

English

Instruction Sheets

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

English

Extraction Tools

English