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2.54mm FFC Connectors Receptacle Housing



FFC Connector Product Type: **Housing**

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

Number of Positions: **9**

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

Number of Rows: **1**

[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 | 9 |
| Number of Rows | 1 |

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 Type | Detent Window |
|-----------------------|---------------|

| | |
|------------------|------|
| 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 |
|-----------------|----------|

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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
|---|---|

| | |
|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) |
|--|--|



Candidate List Declared Against: JUNE 2025 (250)
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



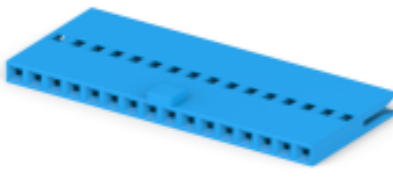
TE Part # 5-103080-7
09 MODII HDR SRST SHRD .100CL



TE Part # 5-103414-7
09 MODII HDR SRST SHRD LF



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



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



TE Part # 5-103361-7
09 MODII HDR SRRR SHRD LF



TE Part # 5-102202-6
09 MODII HDR SRST SHRD LF

Customers Also Bought



TE Part #3-641208-5
05P MTA156 HDR ASSY FL ST LF



TE Part #3-641208-6
06P MTA156 HDR ASSY FL ST LF



TE Part #3-641208-8
08P MTA156 HDR ASSY FL ST LF



TE Part #4-641208-0
10P MTA156 HDR ASSY FL ST LF



TE Part #4-794620-0
10P MICRO MNL ASSY, R/A, HDR, LF



TE Part #1367073-2
20 POS SMT CONN, SFP, 30AU



TE Part #1586821-2
16P MINI UMNL RA HDR ASY OMIT



TE Part #1734100-5
Champ050 series, 50pos, Au over PdNi



TE Part #2-5499345-6
A/L UNIV HDR 26P RA SHT LAT BL



TE Part #1586746-2
24P MINI UMNL R/A HDR LF OMIT

Documents

Product Drawings

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_487769-7_W.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_487769-7_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_487769-7_W.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