



TE Internal #: 1-487223-0  
 FFC Connectors, Housing, Wire-to-Board, 40 Position, 2.54 mm [.1 in] Centerline, 2 Row, Socket, Package, Wire & Cable, Normal, Mating Alignment

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2.54mm FFC Connectors Receptacle Housing



FFC Connector Product Type: **Housing**

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

Number of Positions: **40**

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
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	40
Number of Rows	2

### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	720 VAC
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Insulation Resistance	5000 MΩ
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Operating Voltage	300 VAC
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### Contact Features

Contact Type	Socket
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### Mechanical Attachment

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

Housing Material	Thermoplastic
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Centerline (Pitch)	2.54 mm [.1 in]
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FFC Cable Entry	Straight
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Housing Color	Black
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### Dimensions

Row-to-Row Spacing	2.54 mm [.1 in]
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### Usage Conditions

Operating Temperature Range	-65 – 105 °C [-85 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1
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Packaging Method	Package
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### Other

Comment	Use Extraction Tool No. 91093-1 for round wire contacts.
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

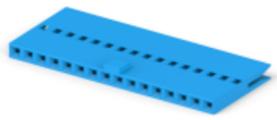
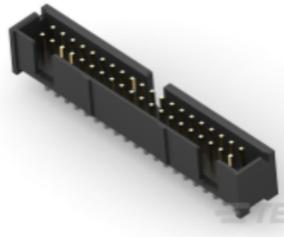
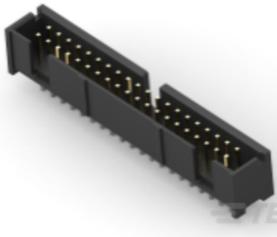
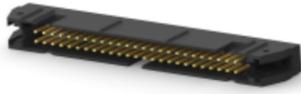
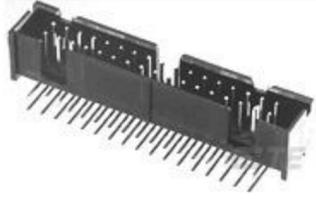


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

 <p>TE Part # CAT-F439-S01339254 2.54mm FFC Connectors Socket Contacts</p>	 <p>TE Part # CAT-F439-S01339127 1.27mm FFC Connectors Socket Contacts</p>	 <p>TE Part # CAT-F439-P65127 FFC Connector Pin Contacts, 1.27 mm</p>	 <p>TE Part # 103308-8 040 LOPRO HDR SP 15DP</p>
 <p>TE Part # 103309-8 040 LOPRO HDR SP 30DP</p>	 <p>TE Part # CAT-AM74-UN384H AMP-LATCH UNIVERSAL HEADERS</p>	 <p>TE Part # CAT-F439-P65254 2.54mm FFC Connectors Pin Contacts</p>	 <p>TE Part # 103310-8 040 LOPRO HDR RA 15DP</p>



TE Part # 103311-8  
040 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

## Documents

### Product Drawings

#### 040 HOUSING FFC RCPT 100CL DR

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-487223-0\\_P.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-487223-0\\_P.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-487223-0\\_P.3d\\_stp.zip](#)

English

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### Product Specifications

#### Application Specification

English

### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English



### Instruction Sheets

#### Instruction Sheet (U.S.)

English

#### Extraction Tool for Flexible Flat Cable (FFC)

English

#### Instruction Sheet (U.S.)

English

#### Extraction Tools

English

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### Agency Approvals

#### Agency Approval Document

English