

1-487769-4 ✓ ACTIVE

TE Internal #: 1-487769-4

Housing, Wire-to-Board, 16 Position, 2.54 mm [.1 in] Centerline, 1

Row, Socket, Package, Mating Retention, Normal, Mating

Alignment, FFC Connectors

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[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: **1**

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

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	16
Number of Rows	1

### Housing Features

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



### Contact Features

Contact Type	Socket
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### Packaging Features

Packaging Method	Package
Packaging Quantity	1

### Mechanical Attachment

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

### Body Features

Primary Product Color	Black
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### Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Electrical Characteristics

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

### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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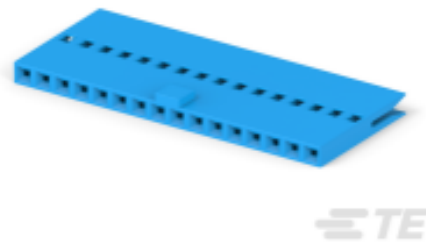



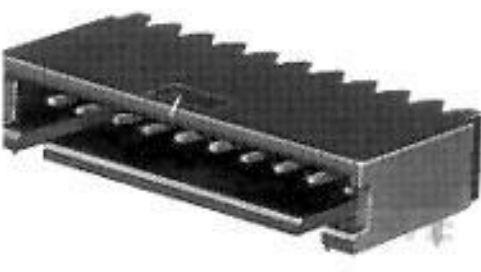
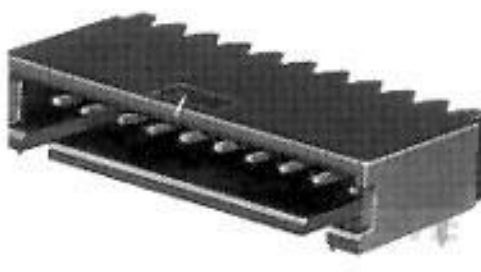
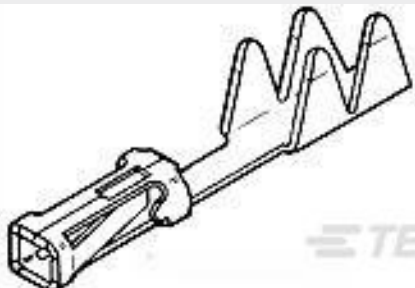



EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	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 # CAT-F439-S01339254 2.54mm FFC Connectors Socket Contacts</p>	 <p>TE Part # 6-102202-3 16 MODII HDR SRST SHRD LF</p>	 <p>TE Part # 6-103414-4 16 MODII HDR SRST SHRD .100CL</p>	 <p>TE Part # 6-102523-4 16 MODII HDR SRRA SHRD .100CL</p>
 <p>TE Part # 6-102203-3 16 MODII HDR SRRA SHRD LF</p>	 <p>TE Part # 6-103361-4 16 MODII HDR SRRA SHRD LF</p>	 <p>TE Part # 1761852-1 FFC RCPT HP 100SNPB RL NO LUBE</p>	 <p>TE Part # 1-103414-4 16 MODII HDR SRST SHRD .100CL</p>

## Customers Also Bought



## Documents

### Product Drawings

#### 016 HOUSING FFC RCPT 100CL SR

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-487769-4\\_W.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-487769-4\\_W.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-487769-4\\_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

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Housing, Wire-to-Board, 16 Position, 2.54 mm [.1 in] Centerline, 1 Row, Socket,  
Package, Mating Retention, Normal, Mating Alignment, FFC Connectors

