



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



FFC Connector Product Type: **Housing**

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

Number of Positions: **22**

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

Number of Rows: **1**

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	22
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
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Contact Features

Contact Type	Socket
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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]
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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
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) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

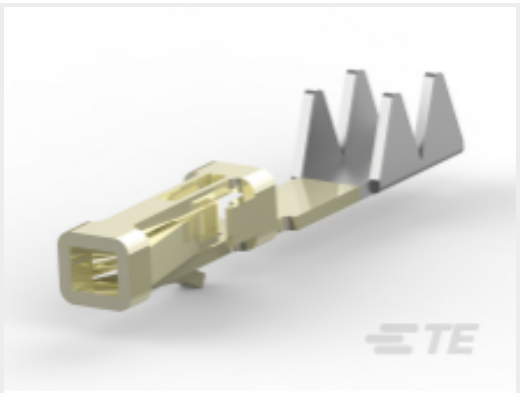
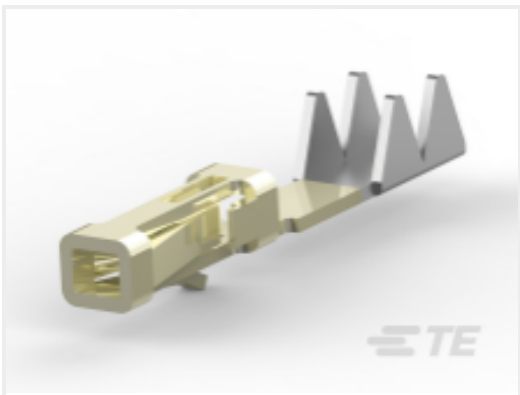
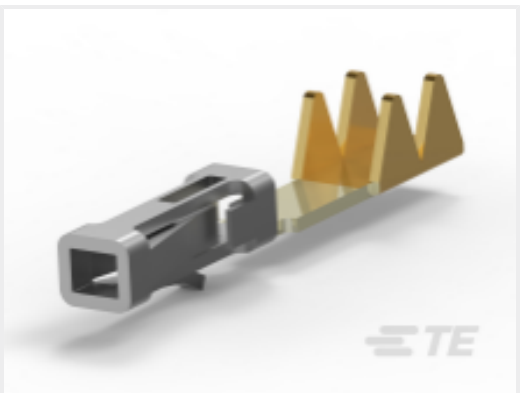
Product Compliance Disclaimer

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



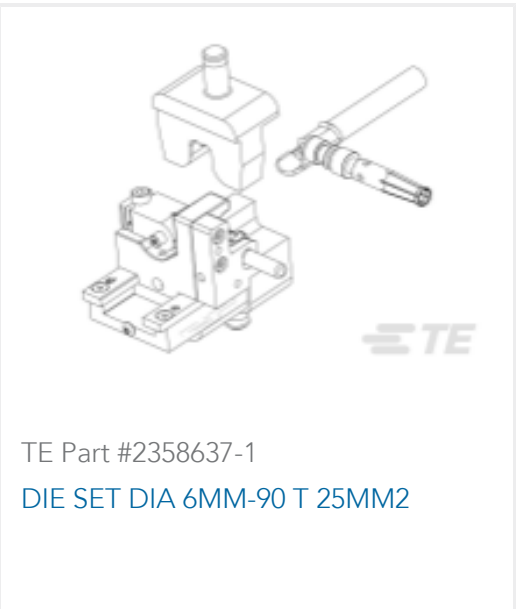
limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 TE Part # 487406-9 FFC RCPT CONT SP 50AU&FLASH RL	 TE Part # 2-487406-2 FFC,RCPT CONTACT,STD PRESSURE	 TE Part # 487406-1 FFC RCPT CONT SP 15AU RL	 TE Part # 487117-9 FFC,RCPT CONTACT,HIGH PRESSURE
 TE Part # 487406-3 FFC RCPT CONT SP 50AU RL	 TE Part # 3-487406-0 RCPT CONTACT,STD PRESS,FFC	 TE Part # 1-487117-1 RCPT CONTACT,HIGH PRESS,FFC	 TE Part # 1-487117-0 RCPT CONTACT,HIGH PRESS,FFC
 TE Part # 487406-2 FFC RCPT CONT SP 30AU RL	 TE Part # 2-487406-3 FFC,RCPT CONTACT,STD PRESSURE	 TE Part # 2-487406-4 FFC,RCPT CONTACT,STD PRESSURE	 TE Part # 1761852-1 FFC RCPT 100SNPB RL NO LUBE
 TE Part # 2-487406-8 RCPT CONTACT,STD PRESS,FFC	 TE Part # 487117-5 FFC RCPT 30AU RL	 TE Part # 487117-8 FFC RCPT 100SNPB RL	 TE Part # 487117-4 FFC RCPT 15AU RL



Customers Also Bought



Documents

Product Drawings

022 HOUSING FFC RCPT 100CL SR

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-487769-0_W.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_2-487769-0_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-487769-0_W.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

[Extraction Tools](#)

English