

TE Internal #: 3-88859-0

FFC Connectors, Housing, Wire-to-Board, 32 Position, 2.54mm [.1in] Centerline, 1 Row, Socket, Package, Mating Retention, Wire & Cable, Normal

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2.54mm FFC Connectors Receptacle Housing



FFC Connector Product Type: **Housing**

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

Number of Positions: **32**

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	32
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
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Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
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]
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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

Other

Comment	Use Extraction Tool No. 91092-1 for round wire contacts.
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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	Not Yet Reviewed
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: JUN 2020 (209)



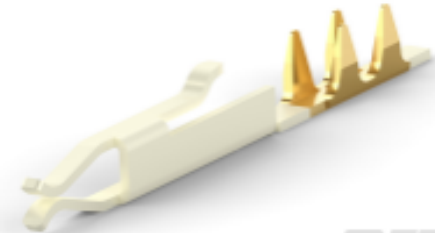
Candidate List Declared Against: JAN 2018
(181)
Does not contain REACH SVHC

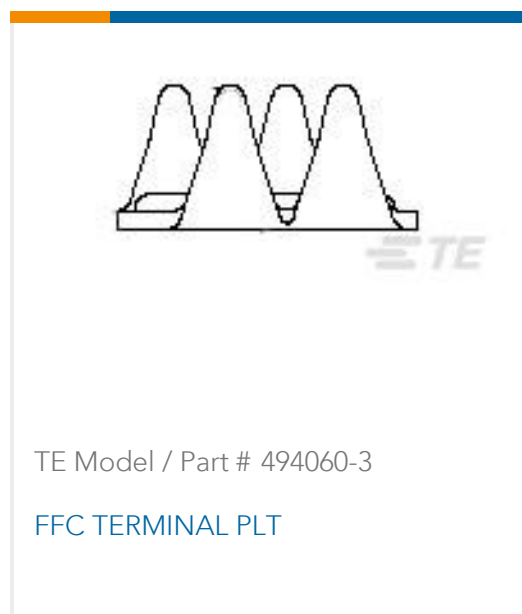
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

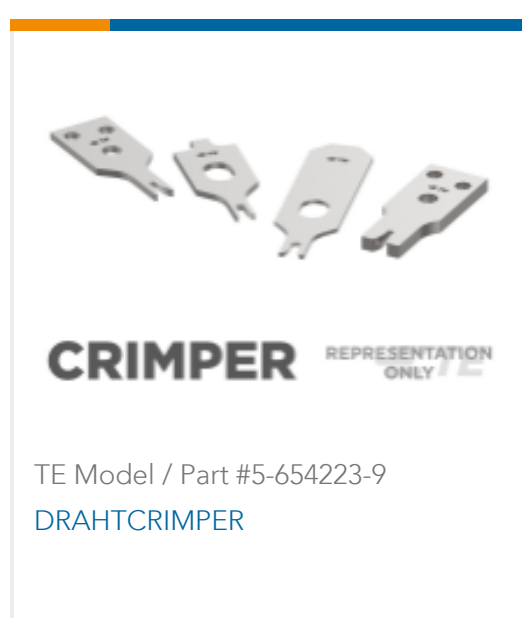
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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

 <p>TE Model / Part # CAT-F439-S01339254 2.54mm FFC Connectors Socket Contacts</p>	 <p>TE Model / Part # CAT-F439-P65127 1.27mm FFC Connectors Pin Contacts</p>	 <p>TE Model / Part # CAT-F439-P65254 2.54mm FFC Connectors Pin Contacts</p>	 <p>TE Model / Part # CAT-F439-S01339127 1.27mm FFC Connectors Socket Contacts</p>
 <p>TE Model / Part # 1761852-1 FFC RCPT HP 100SNPB RL NO LUBE</p>	 <p>TE Model / Part # 1-487137-1 FFC SOLDER TAB FULL 100 SN</p>	 <p>TE Model / Part # 487787-3 FFC SPLICE CONTACT L.P.</p>	 <p>TE Model / Part # 487843-1 FFC SPLICE CONTACT</p>



Customers Also Bought



Documents

Product Drawings

032 HOUSING FFC RCPT SR 100CL

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-88859-0_AL.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-88859-0_AL.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-88859-0_AL.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 Tool for Flexible Flat Cable (FFC)

English

Instruction Sheet (U.S.)

English

Extraction Tools

English

Agency Approvals

CSA Certificate

English