1-88637-1 ✔ ACTIVE

TE Internal #: 1-88637-1

FFC Connectors, Housing, Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, 2 Row, Socket, Package, Mating Retention, Normal, Mating Alignment

View on TE.com >

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: **20**

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

Configuration Features

Number of Positions	20
Number of Rows	2

Electrical Characteristics

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

Body Features

Primary Product Color	Black

Contact Features

Contact Type	Socket

Mechanical Attachment

Mating Alignment Type	Polarization
Panel Mount Feature Type	Mounting Ears
Mating Retention Type	Detent Window
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]

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>

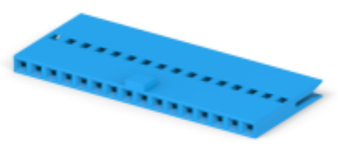
EU RoHS Directive 2011/65/EU	Compliant

EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



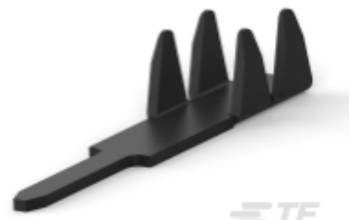
TE Part # CAT-F439-S01339254
2.54mm FFC Connectors Socket Contacts



TE Part # CAT-F439-S01339127
1.27mm FFC Connectors Socket Contacts



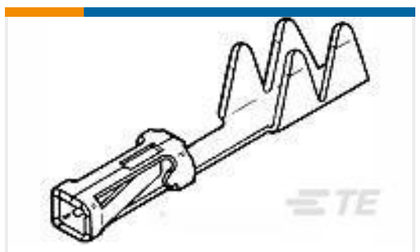
TE Part # CAT-F439-P65127
FFC Connector Pin Contacts, 1.27 mm



TE Part # CAT-F439-P65254
2.54mm FFC Connectors Pin Contacts



TE Part # 88190-8
020 HOUSING FFC PIN DR 100CL



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



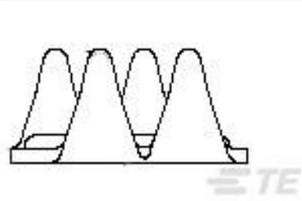
TE Part # 1-487137-1
FFC SOLDER TAB FULL 100 SN



TE Part # 487787-3
FFC SPLICE CONTACT L.P.



TE Part # 487843-1
FFC SPLICE CONTACT



TE Part # 494060-3
FFC TERMINAL PLT

Customers Also Bought



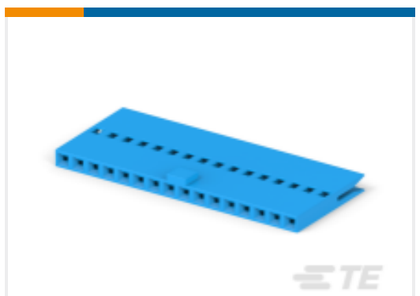
TE Part # 86561-6
2.54mm FFC Connectors Pin Contacts



TE Part # 1-487547-2
FFC RCPT CONTACT .050CL



TE Part # 499252-1
040 STRAIN RELIEF A-L RCPT



TE Part # 1-487117-0
2.54mm FFC Connectors Socket Contacts



TE Part # 487940-4
FFC,SLDR TAB CONTACT,.050" CNT



TE Part # 88190-8
020 HOUSING FFC PIN DR 100CL



TE Part # 1-794607-1
MICRO MNL RPT CNT STRP 15AU LF

Documents

Product Drawings

020 HOUSING FFC RCPT DR 100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-88637-1_AN_c-1-88637-1-an.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-88637-1_AN_c-1-88637-1-an.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-88637-1_AN_c-1-88637-1-an.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof 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