487223-5 ✔ ACTIVE

TE Internal #: 487223-5

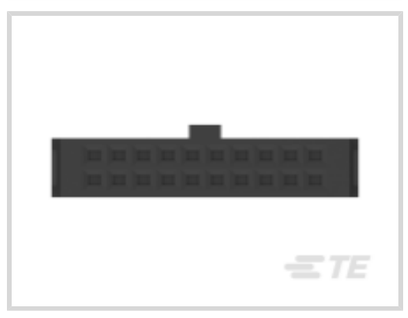
Housing, Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, 2 Row, Socket, Package, Normal, Straight, Black, FFC Connectors

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 & 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	20
Number of Rows	2

Electrical Characteristics

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

Body Features

Primary Product Color	Black

Contact Features

Contact Type	Socket

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	Without
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

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	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) Candidate List Declared Against: JUNE 2025 (250) 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



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



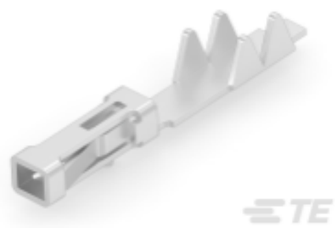
TE Part # 1-487137-1
FFC SOLDER TAB FULL 100 SN



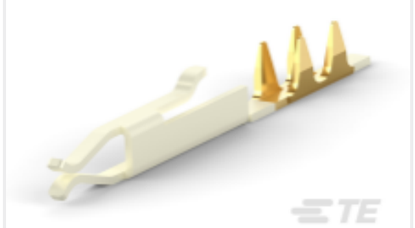
TE Part # 487843-1
FFC SPLICE CONTACT



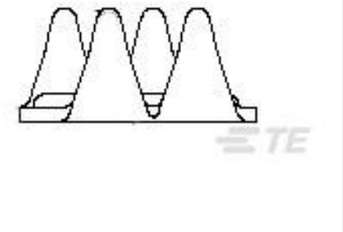
TE Part # CAT-F439-P65254
2.54mm FFC Connectors Pin Contacts



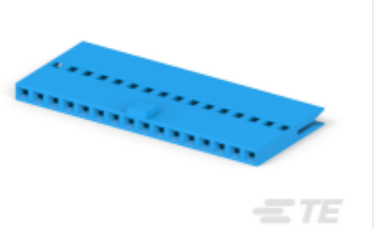
TE Part # 1761852-1
FFC RCPT 100SNPB RL NO LUBE



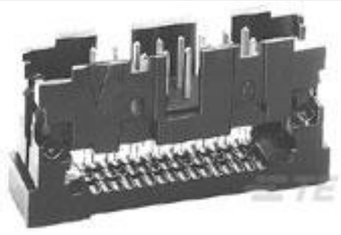
TE Part # CAT-F439-S01339127
1.27mm FFC Connectors Socket Contacts



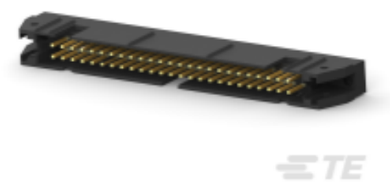
TE Part # 494060-3
FFC TERMINAL PLT



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

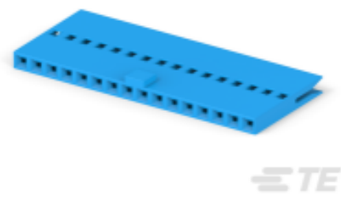


TE Part # 111446-4
020 UNIV I/O 30DP NO EARS



TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS

Customers Also Bought



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



TE Part #88117-7
FFC,PIN CONTACT,.025" SQ



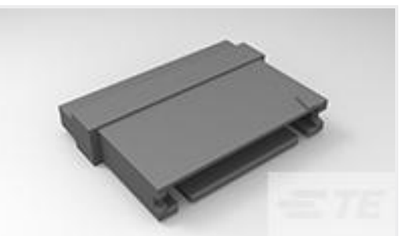
TE Part #102107-2
MOD IV PIN LP



TE Part #1-485893-0
012 HOUSING FFC PIN 100CL SR



TE Part #CAT-F439-R2435127
FFC Receptacle Housing: 1.27mm



TE Part #494032-2
003 HOUSING FFC PIN 100CL SR



TE Part #3-647502-3
03P MTA100 HDR ASSY,SM,SN, LF



TE Part #2329362-4
PB OFF/ON RC GRE M1 TERM IP68 500MM LHS

Documents

Product Drawings

020 HOUSING FFC RCPT 100CL DR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_487223-5_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_487223-5_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_487223-5_P.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

Agency Approvals

Agency Approval Document

English