88190-8 ✔ ACTIVE

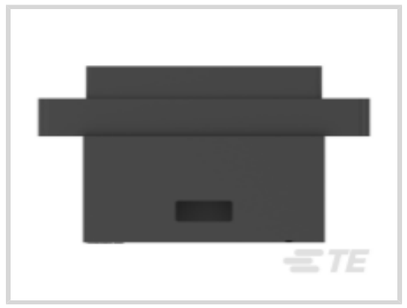
TE Internal #: 88190-8

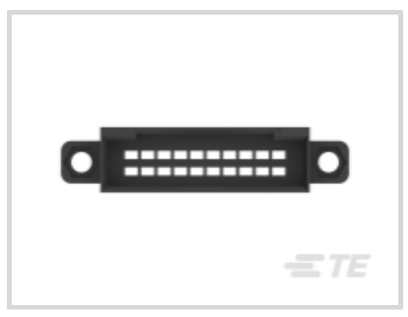
Housing, Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, 2 Row, Pin, Package, Mating Retention, Normal, Mating Alignment, FFC Connectors

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

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

Configuration Features

Number of Positions	20
Number of Rows	2

Housing Features

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

Contact Features

Contact Type	Pin

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Mechanical Attachment

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

Body Features

Primary Product Color	Black

Usage Conditions

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

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

Dimensions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Product Compliance

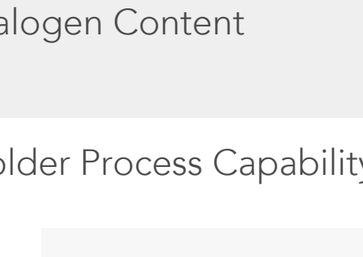
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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-P65254
2.54mm FFC Connectors Pin Contacts

TE Part # 1-88637-1
020 HOUSING FFC RCPT DR 100CL

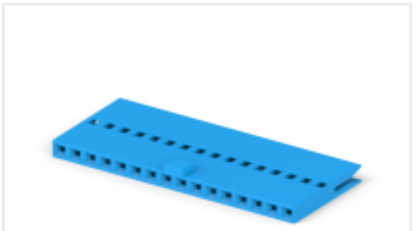
Customers Also Bought



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



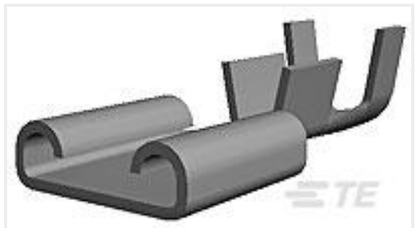
TE Part #88117-9
FFC PIN CONT 15AU RL



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



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



TE Part #5-160506-8
250 FASTON REC 20-16 AWG TPBZ



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



TE Part #5053212042
RNF-100-1/2-4-STK



TE Part #5054202007
RNF-100-1/2-1-STK



TE Part #1-2236046-0
32W, MIXED, MALE CONN.,CLIP2, COD A, CPA

Documents

Product Drawings

020 HOUSING FFC PIN DR 100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_88190-8_AR.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_88190-8_AR.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_88190-8_AR.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

Agency Approvals

CSA Certificate

English