487223-1 ✔ ACTIVE

TE Internal #: 487223-1

FFC Connectors, Housing, Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, 2 Row, Socket, Package, Normal, Mating Alignment, Straight, Black

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: **10**

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

Configuration Features

Number of Positions	10
Number of Rows	2

Electrical Characteristics

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

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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

Other

Wire-to-Board Connector Comment	Use Extraction Tool No. 91093-1 for round wire contacts.

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant

FFC Connectors, Housing, Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, 2 Row, Socket, Package, Normal, Mating Alignment, Straight, Black
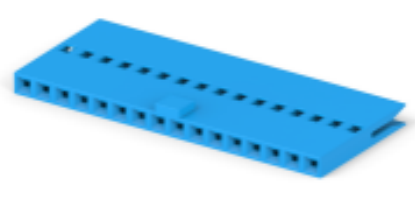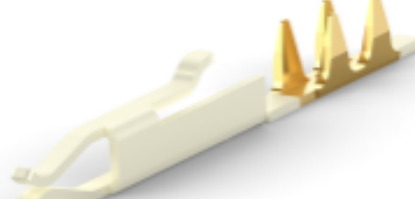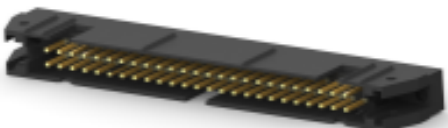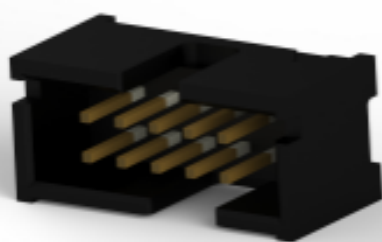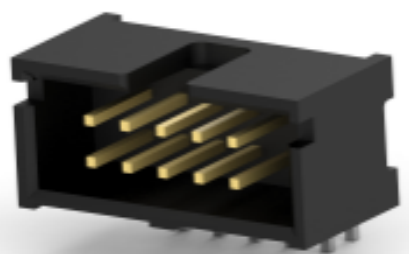
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	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-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-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS

TE Part # 103308-1
010 LOPRO HDR SP 15DP

TE Part # 103310-1
010 LOPRO HDR RA 15DP

TE Part # 103309-1
010 LOPRO HDR SP 30DP

TE Part # 103311-1
010 LOPRO HDR RA 30DP

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TE Part # CAT-F439-P65254

2.54mm FFC Connectors Pin Contacts

TE Part # 111446-1

010 UNIV I/O 30DP NO EARS
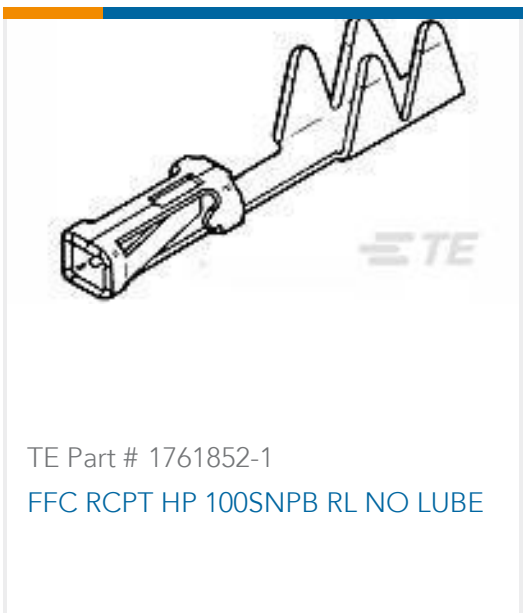
TE Part # 1761852-1

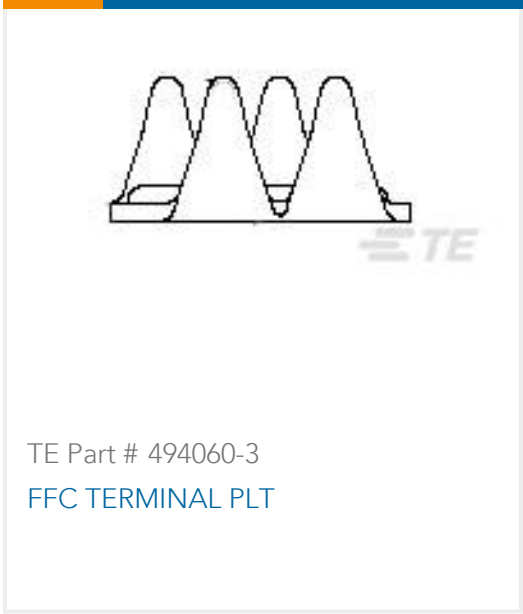FFC RCPT HP 100SNPB RL NO LUBE

TE Part # 1-487137-1

FFC SOLDER TAB FULL 100 SN

TE Part # 487787-3

FFC SPLICE CONTACT L.P.

TE Part # 487843-1

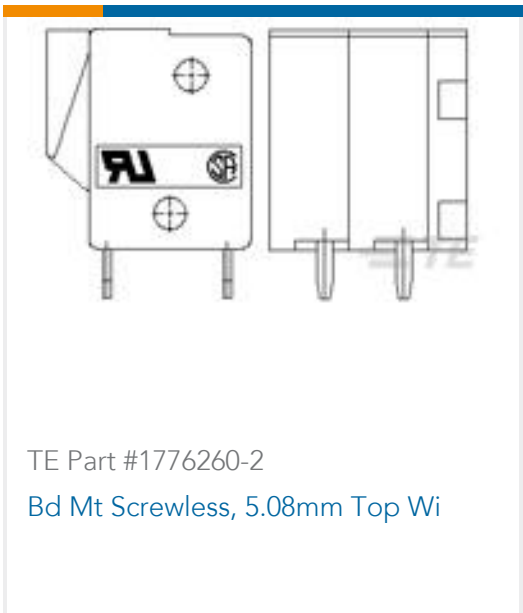FFC SPLICE CONTACT

TE Part # 494060-3

FFC TERMINAL PLT

Customers Also Bought

TE Part #5102154-1

A/L UNIV HDR 10P VERT

TE Part #3-1393239-8

RT174012

TE Part #1776260-2

Bd Mt Screwless, 5.08mm Top Wi

TE Part #1437596-3

TRD21N10WL=DPDT ROCKER BLACK

TE Part #4-1617072-8
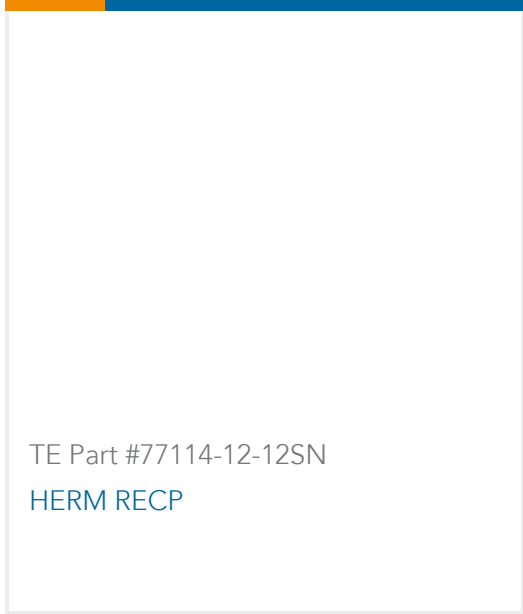
3SBC1650A2 = M39016/37-023M

TE Part #8-1415035-1

RT78724

TE Part #5-146135-4

10 MODII HDR DRST SFMNT B/A

TE Part #62262-1

250 FASTON TAB TPBR

TE Part #77114-12-12SN

HERM RECP

Documents

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Product Drawings

010 HOUSING FFC RCPT 100CL DR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_487223-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_487223-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_487223-1_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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Extraction Tools

English

Agency Approvals

Agency Approval Document

English