# 487378-6 ✔ ACTIVE

TE Internal #: 487378-6

Housing, Wire-to-Board, 7 Position, 2.54 mm [.1 in] Centerline, 1 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: **7**

Centerline (Pitch): **2.54 mm [ .1 in ]**

Number of Rows: **1**

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 | 7 |
| Number of Rows | 1 |

### 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 Retention | Without |
| Mating Alignment | Without |
| 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 |

### 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>

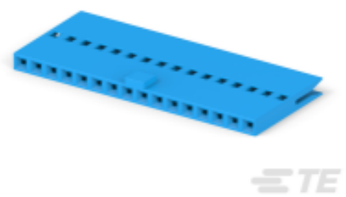
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 |

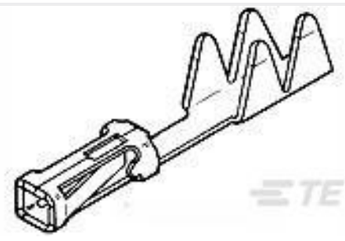
Product Compliance Disclaimer

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 # 1761852-1
FFC RCPT 100SNPB RL NO LUBE



TE Part # 5-103974-7
2X8 MTE RCPT SR PLAIN .100CL

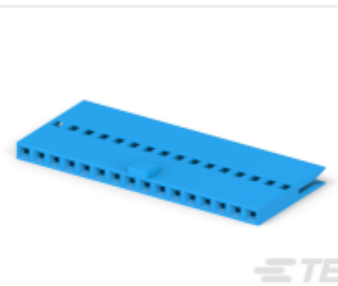
## Customers Also Bought



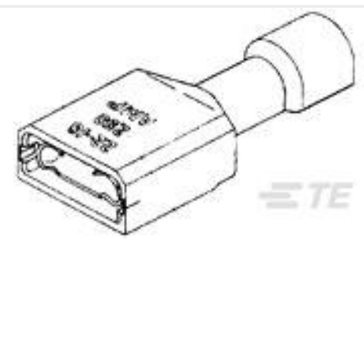
TE Part #485893-2
004 HOUSING FFC PIN 100CL SR



TE Part #487378-3
004 HOUSING FFC RCPT 100CL SR



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



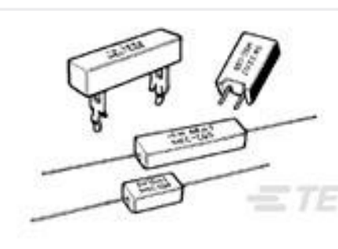
TE Part #2-520979-2
ULTRA-FAST .110/.125 ASY REC 22-18 TPBR



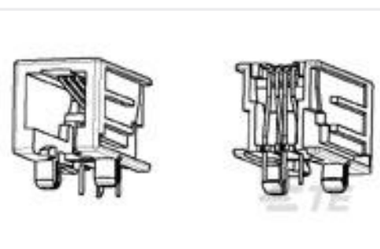
TE Part #1586163-1
04P UMML PIN HDR 94VO NDH




TE Part #1623380-1
CRG0805 5% 4R7



TE Part #4-1623795-7
SQP5 R47 5% WIRE



TE Part #1-1705950-2
Modular Jack SE, 6/4, Gold flash



TE Part #2480843-1
USB C Charge-only,6 Pin, Mid, 3u GF

## Documents

### Product Drawings

007 HOUSING FFC RCPT 100CL SR

English

### CAD Files

#### Customer View Model

ENG_CVM_CVM_487378-6_AE.2d_dxf.zip

English

3D PDF

3D

#### Customer View Model

ENG_CVM_CVM_487378-6_AE.3d_igs.zip

English

#### Customer View Model

ENG_CVM_CVM_487378-6_AE.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

CSA Certificate

English