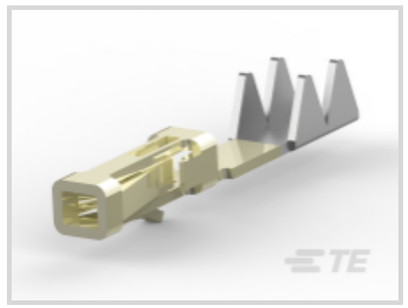
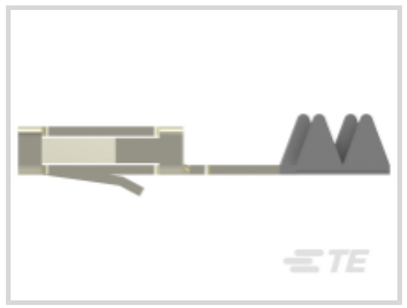
# 487406-2 ✔ ACTIVE

TE Internal #: 487406-2

Socket Contact, Tin-Lead, FFC, Insulation Displacement (IDC), Phosphor Bronze, Signal, -65 – 105 °C [-85 – 221 °F]

View on TE.com >

Connectors > Contacts > Connector Contacts > 2.54mm FFC Connectors Socket Contacts




Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin-Lead**

Compatible With Wire & Cable Type: **FFC**

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Contact Base Material: **Phosphor Bronze**

All 2.54mm FFC Connectors Socket Contacts (34)

## Features

### Configuration Features

| | |
|---|---|
| Compatible With Wire & Cable Type | FFC |

### Contact Features

| | |
|---|---|
| | 30 µin |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Tin-Lead |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 2 A |

### Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
| Product Terminates To | Wire & Cable |

### Dimensions

| | |
|---|---|
| Accepts Conductor Width | 1.27 mm[.05 in] |

### Usage Conditions

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

### Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

### Packaging Features

| | |
|---|---|
| Packaging Method | Reel |

## Product Compliance

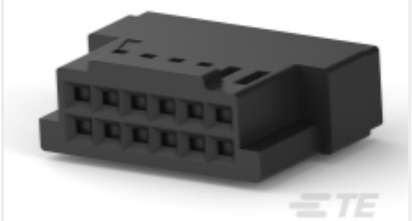
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2023 (235)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br>**Article Safe Usage Statements:**<br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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-R2435254
2.54mm FFC Connectors Receptacle Housing



TE Part # 1-487526-8
019 HOUSING FFC RCPT 100CL SR



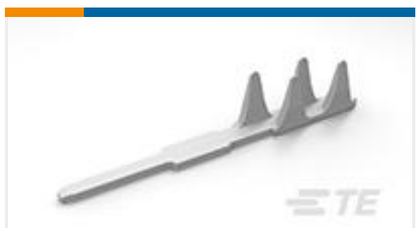
TE Part # 1-528013-1
FFC PISTOL GRIP HAND TOOL CASE

TE Part # 5-528441-5
APPLIC. FFC-MODU.100

## Customers Also Bought



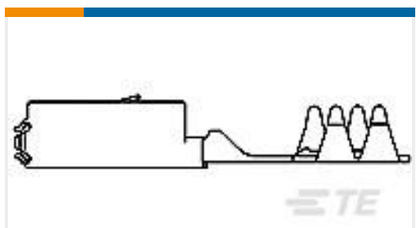
TE Part #1-487526-1
2.54mm FFC Connectors Receptacle Housing



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



TE Part #86571-2
RND WIRE RCPT L.P.



TE Part #929387-1
MQS0,63 Sn rec LL unseal. FFC



TE Part #1218124-4
37 POS,ASSY,PLUG,LOW PROF,109



TE Part #2000676-4
Keyed Guide Pin, Machined, Vita 46

TE Part #2-2000676-5
Keyed Guide Pin, Machined



TE Part #YDTS20G25-35ANV001
RECP ASSY

## Documents

### Product Drawings

FFC RCPT CONT SP 30AU RL

English

### CAD Files

Customer View Model

ENG_CVM_CVM_487406-2_AV.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_487406-2_AV.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_487406-2_AV.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

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## TE Connectivity:

SBCHE64R7K 1-794222-0 1-962915-1 141991-2 3631B101LL 917696-1 936348-1 2834055-1 CPF0402B37K4E1 ROX05SJ18R 1393431-1 1969656-1 2310537-1 3-1393225-0 650075-000 RH73H2A40MKTN 2005330-1 SBCHE154R7K TE50BR39J SMW73R0JT 2377783-2 1743455-2 2-292161-3 CRGCQ2010J3K3 U5254-000005-030PA 175977-2 1903112-2 2380312-2 MPT100C18RF 3430B2F51RTDF