

# FFC RCPT CONTACT .050CL ✓ ACTIVE

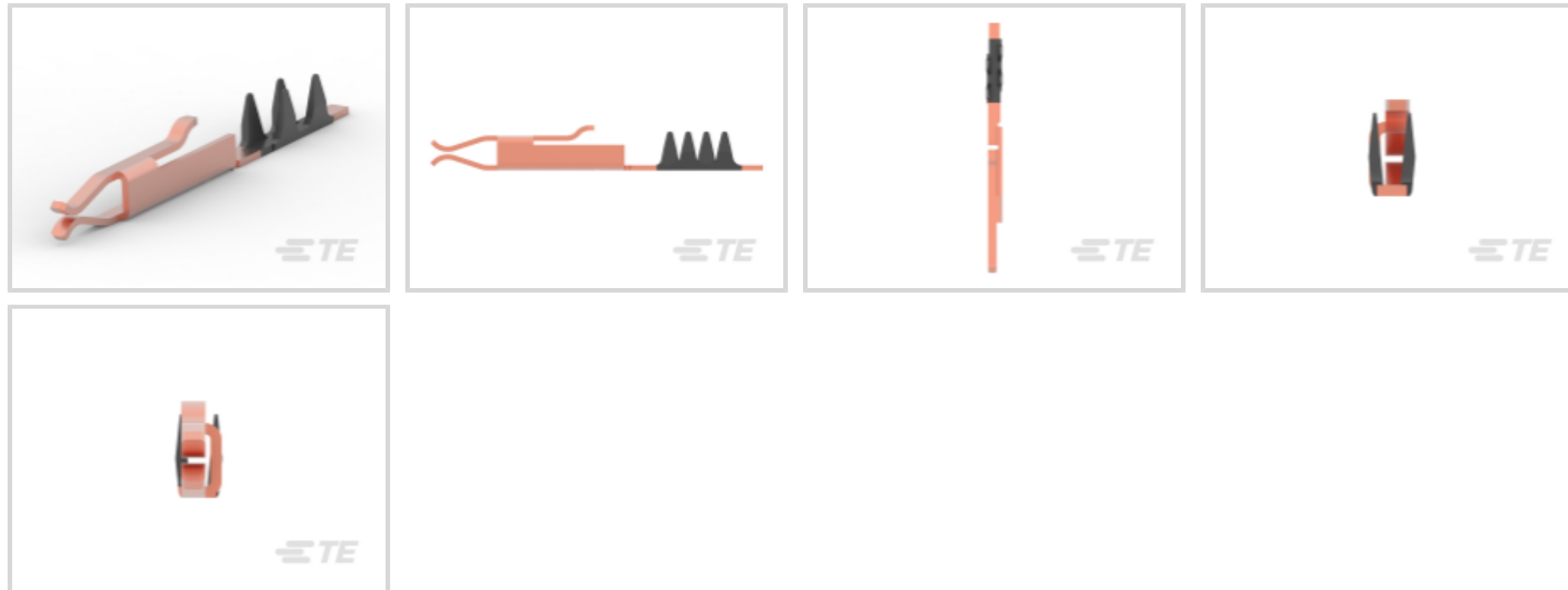
TE Part # 487547-1

TE Internal #: 487547-1

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Contacts



Connector System: **Cable-to-Cable**

Centerline (Pitch): **1.27 mm [ .05 in ]**

Wire/Cable Type: **FFC**

Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold Flash/Palladium Nickel or Gold/Nickel**

## Features

### Product Type Features

Connector System	Cable-to-Cable
Wire/Cable Type	FFC
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Product Type	Contact

### Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold Flash/Palladium Nickel or Gold/Nickel
Contact Current Rating (Max)	1.5 A
	30 $\mu$ in
Solder Tail Contact Plating Thickness	100 $\mu$ in

### Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
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### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
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### Dimensions

Conductor Width	.66 mm
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Method	Reel
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### 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	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

#### 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An

Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



FFC Connectors(112)

## Customers Also Bought



TE Part #34147  
PG R 22-16 COMM 22-18  
MIL 6



TE Part #487545-9  
012 HOUSING FFC RCPT  
050CL SR



TE Part #487545-7  
010 HOUSING FFC RCPT  
050CL SR



TE Part #66505-4  
HD 20 DF SOCKET PLTD



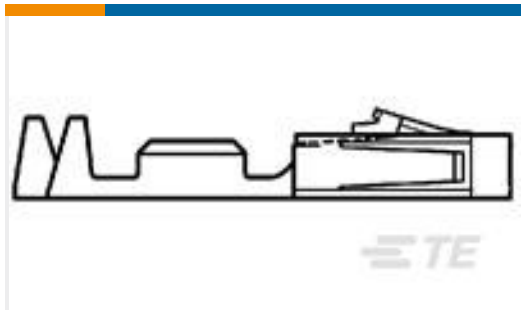
TE Part #487545-5  
008 HOUSING FFC RCPT  
050CL SR



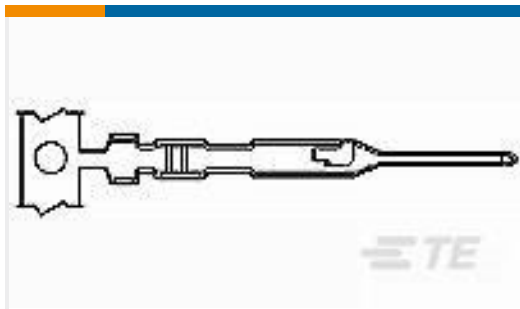
TE Part #487406-1  
FFC RCPT CONT SP 15AU  
RL



TE Part #487923-1  
FFC SDR TAB 100 FULL  
SN-PB



TE Part #1-104481-1  
SHORT POINT CONT 30  
DPLX STMPD LF



TE Part #104505-6  
MTE PIN 22-26 AWG PLTD



TE Part #487940-3  
FFC SDR TAB 100 FULL  
SN-PB

## Documents

[Product Drawings](#)  
[FFC RCPT CONTACT .050CL](#)



English

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**CAD Files**

Customer View Model

[ENG\\_CVM\\_CVM\\_487547-1\\_AF.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_487547-1\\_AF.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_487547-1\\_AF.2d\\_dxf.zip](#)

English

**3D PDF**

3D

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**Product Specifications**

Application Specification

English

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**Product Environmental Compliance**

[MD\\_487547-1\\_10052017232\\_dmtec](#)

English

[MD\\_487547-1\\_10052017232\\_dmtec](#)

English