

FFC,RCPT CONTACT,.050" CNTRLIN ✓ ACTIVE

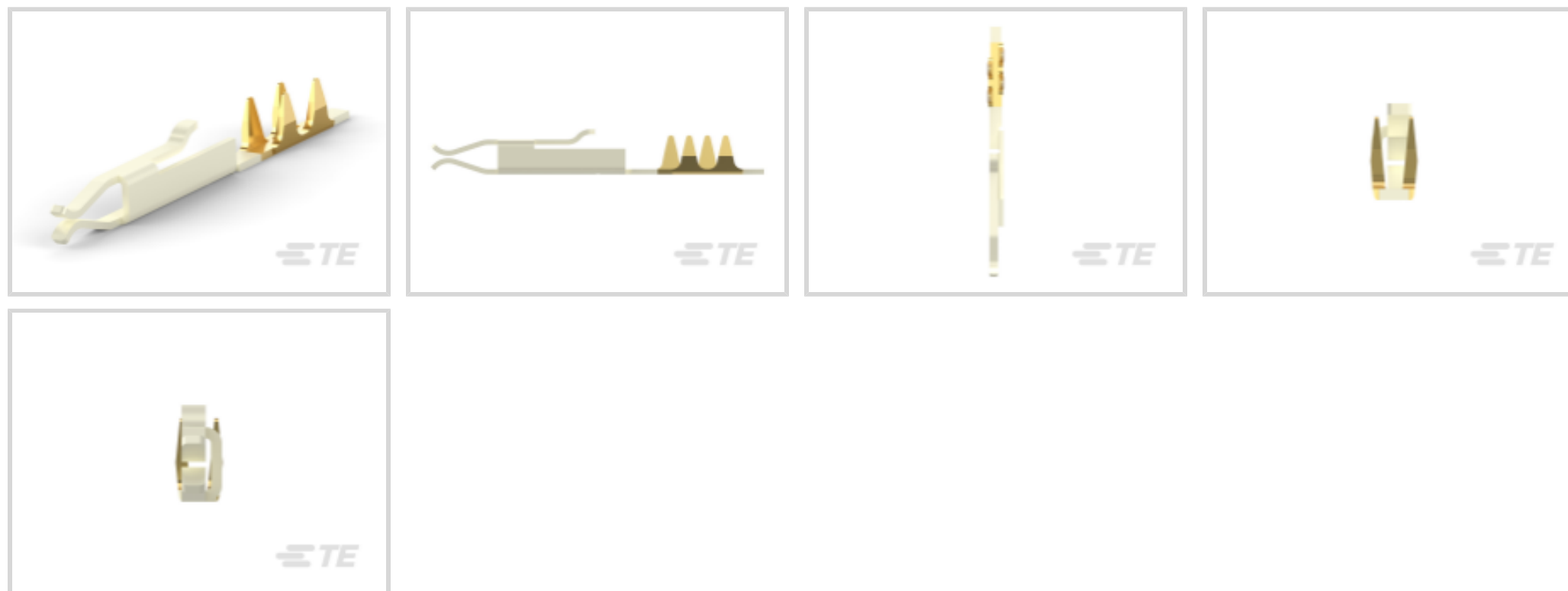
TE Part # 1-487547-1

TE Internal #: 1-487547-1

[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	Gold Flash
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 μ m

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, 2.33 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	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: 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 #103653-3
04 MTE SHRD PIN HSG SR LATCH



TE Part #487545-3
006 HOUSING FFC RCPT 050CL SR



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



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



TE Part #2-487406-2
FFC,RCPT CONTACT,STD PRESSURE



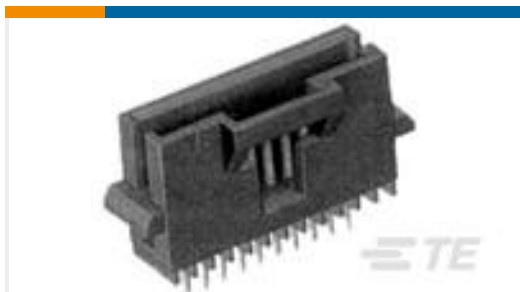
TE Part #2-487406-4
FFC,RCPT CONTACT,STD PRESSURE



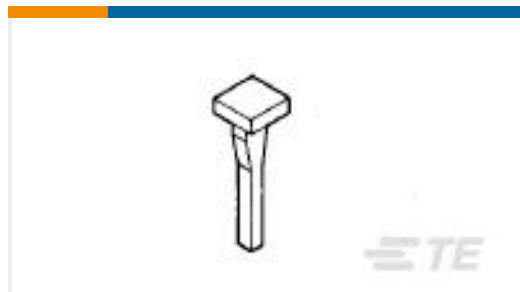
TE Part #487545-1
004 HOUSING FFC RCPT 050CL SR



TE Part #5-104071-7
04 SYSTEM 50 HDR SRST SHRD SN



TE Part #5-104071-8
06 SYSTEM 50 HDR SRST SHRD SN



TE Part #86286-1
KEYING PLUG

Documents

Product Drawings

[FFC,RCPT CONTACT,.050" CNTRLIN](#)

English



CAD Files

Customer View Model

[ENG_CVM_CVM_1-487547-1_AF.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-487547-1_AF.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-487547-1_AF.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4](#)

English

[AMPMODU SYSTEM 50](#)

English

[AMPMODU SYSTEM 50 QUICK REFERENCE GUIDE](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English