



TE Internal #: 282618-1  
 FFC Contacts, Cable-to-Cable, 2.54 mm [.1 in] Centerline, Discrete  
 Wire, Pin, Tin, Reel, Insulation Displacement (IDC), 26 – 22 AWG  
 Wire Size

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

2.54mm FFC Connectors Pin Contacts



Connector System: **Cable-to-Cable**  
 Centerline (Pitch): **2.54 mm [.1 in]**  
 Compatible With Wire & Cable Type: **Discrete Wire**  
 Contact Type: **Pin**  
 Contact Mating Area Plating Material: **Tin**

[All 2.54mm FFC Connectors Pin Contacts \(34\)](#)

## Features

### Product Type Features

Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Contact Features

Contact Mating Area Plating Material Thickness	1 – 3 $\mu$ m
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Type	Pin



Contact Mating Area Plating Material	Tin
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### Termination Features

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

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

Centerline (Pitch)	2.54 mm [.1 in]
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### Dimensions

Accepts Conductor Width	2.33 mm
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Wire Size	.12 – .4 mm <sup>2</sup>
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Accepts Wire Insulation Diameter Range	1.02 – 1.42 mm [.04 – .056 in]
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### Product Compliance Disclaimer

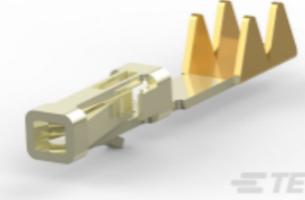
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

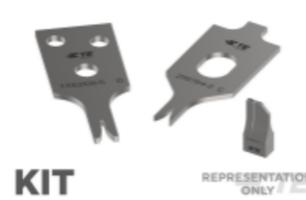
## Compatible Parts



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 2-487406-6  
RCPT CONTACT,STD PRESS,FFC



KIT  
REPRESENTATION ONLY

TE Part # 7-2151980-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F062O



TE Part # 2-2151980-1  
OCEAN\_2.0\_Applicator-S-055F062O



TE Part # 2-2151980-2  
OCEAN\_2.0\_Applicator-S-055F062O-A



TE Part # 2151980-1  
OCEAN\_2.0\_Applicator-S-055F062O



TE Part # 2151980-2  
OCEAN\_2.0\_Applicator-S-055F062O-A

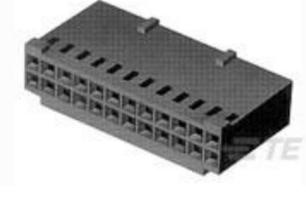


TE Part # 7-2151980-1  
OCEAN\_2.0\_Applicator-S-055F062O

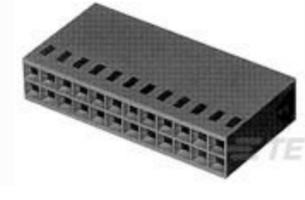


TE Part # 7-2151980-2  
OCEAN\_2.0\_Applicator-S-055F062O-A

## Customers Also Bought



TE Part #280365  
AMPMODU, DBL ROW, CONTACT REC



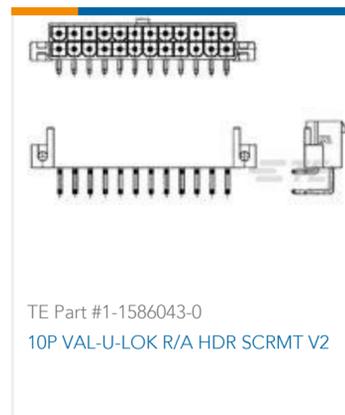
TE Part #144095-2  
HOUSING MODU IV 2X3 P NEUTRAL



TE Part #7-1624113-1  
3650 2A 2.2uH 5% 2K RL



TE Part #4-1624113-6  
3650 2A 0.10uH 5% 2K RL



## Documents

### Product Drawings

#### FFC PIN CONTACT TIN-P

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282618-1\\_B.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282618-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282618-1\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Environmental Compliance

#### TE Material Declaration

English