



TE Internal #: 2-86566-0
FFC Contacts, .1 in [2.54 mm] Centerline, Discrete Wire, Socket,
Tin, Reel, Crimp, 26 – 22 AWG Wire Size, .12 – .4 mm² Wire Size, 2 A
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Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Contacts >
2.54mm FFC Connectors Socket Contacts



Centerline (Pitch): **2.54 mm [.1 in]**
Compatible With Wire & Cable Type: **Discrete Wire**
Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin**
Packaging Method: **Reel**

[All 2.54mm FFC Connectors Socket Contacts \(35\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

	100 µin
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

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

Accepts Conductor Width	1.27 mm, 1.82 mm
Wire Size	.12 – .4 mm²



Compatible Insulation Diameter Range	1.02 – 1.42 mm[.04 – .056 in]
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Reel
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Other

Connector Contacts Comment	Crimp Control Monitor 567561-1 for AMPOMATOR CLS II Machine., Crimp Control Monitor 567561-2 for AMP-O-LECTRIC., Use Extraction Tool No. 91092-1 for end locking slot and Extraction Tool No. 91093-1 for side locking lance slot.
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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

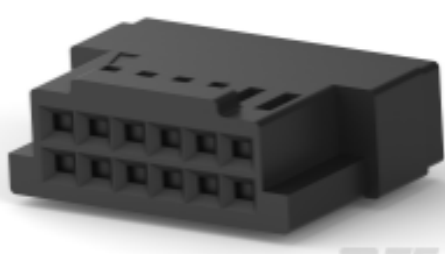
Product Compliance Disclaimer

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 # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



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

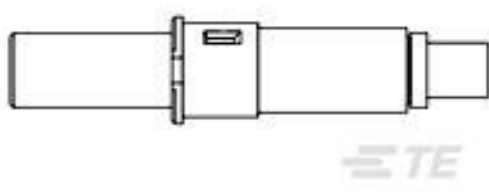
Customers Also Bought



TE Part #1658612-1
37 POS HDF RCPT, MS, LEAD FREE



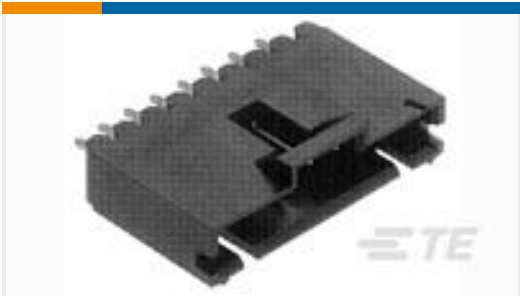
TE Part #5745783-2
25 MSFL RCPT RA 318 (FM)



TE Part #1445692-3
ASY,PIN,QUADRAX



TE Part #103309-1
010 LOPRO HDR SP 30DP



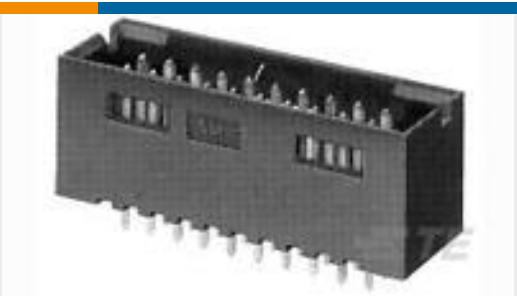
TE Part #5-103908-9
10 MTE HDR SRST LATCH W/HLDWN



TE Part #103309-2
014 LOPRO HDR SP 30DP



TE Part #2834171-3
ULTRAMINIATURE SLIM CONTACT



TE Part #5-103169-2
08 MODII HDR DRST SHRD .100CL



TE Part #6-535541-4
16 MODIV VRT SR CE 100/115

Documents

Product Drawings

FFC,RCPT CONTACT,ROUND WIRE,22

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-86566-0_AN.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-86566-0_AN.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-86566-0_AN.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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English



Extraction Tool for Flexible Flat Cable (FFC)

English

Instruction Sheet (U.S.)

English

Extraction Tools

English