

86571-2 ✓ ACTIVE

TE Internal #: 86571-2

FFC Contacts, Cable-to-Cable, 2.54 mm [.1 in] Centerline, Discrete Wire, Socket, Gold / Gold Flash over Palladium Nickel, Box, Crimp

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2.54mm FFC Connectors Socket Contacts



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

Centerline (Pitch): **2.54 mm [.1 in]**

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

Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold, Gold Flash over Palladium Nickel**

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

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 |
|-----------------------------------|---------------|

Contact Features

| | |
|---|--|
| | 15 μ m |
| 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, Gold Flash over Palladium Nickel |
| Contact Current Rating (Max) | 2 A |



Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 2.54 mm [.1 in] |
|--------------------|-----------------|

Dimensions

| | |
|--|--------------------------------|
| Accepts Conductor Width | 1.27 mm, 1.82 mm |
| Wire Size | .12 – .4 mm ² |
| Accepts Wire Insulation Diameter Range | 1.02 – 1.42 mm [.04 – .056 in] |

Usage Conditions

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

Operation/Application

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

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

Other

| | |
|---------|---|
| Comment | Use Extraction Tool No. 91092-1 for end locking slot and Extraction Tool No. 91093-1 for side locking lance slot. |
|---------|---|

Product Compliance

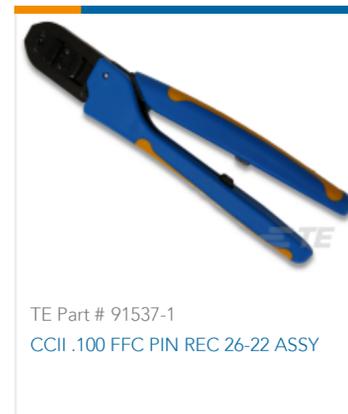
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



Documents

Product Drawings

RND WIRE RCPT L.P.

English

CAD Files

Customer View Model

[ENG_CVM_CVM_86571-2_E.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_86571-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86571-2_E.3d_stp.zip](#)

English

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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