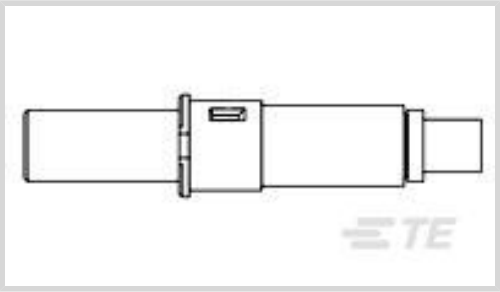




Connectors > Contacts > RF Contacts



Contact Type: **Pin**  
RF Contact Style: **Quadrax**  
Connector & Contact Terminates To: **Wire & Cable**  
Contact Orientation: **Straight**  
Compatible With RF Cable Type: **Tensolite NF24Q100**

Features

Product Type Features

|                                   |                    |
|-----------------------------------|--------------------|
| Sealable                          | No                 |
| RF Contact Style                  | Quadrax            |
| Connector & Contact Terminates To | Wire & Cable       |
| Compatible With RF Cable Type     | Tensolite NF24Q100 |

Electrical Characteristics

|           |       |
|-----------|-------|
| Impedance | 100 Ω |
|-----------|-------|

Body Features

|                       |                          |
|-----------------------|--------------------------|
| Contact Removal Style | Rear Release/Rear Remove |
|-----------------------|--------------------------|

Contact Features

|                                      |                    |
|--------------------------------------|--------------------|
| Contact Length                       | 31.37 mm[1.235 in] |
| Contact Base Material                | Copper             |
| Contact Type                         | Pin                |
| Contact Orientation                  | Straight           |
| Contact Mating Area Plating Material | Gold               |
| Contact Current Rating (Max)         | 1 A                |

Termination Features

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

Mechanical Attachment

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



|                                       |                |
|---------------------------------------|----------------|
| Contact Retention Type Within Housing | Retention Clip |
|---------------------------------------|----------------|

Dimensions

|           |        |
|-----------|--------|
| Wire Size | 24 AWG |
|-----------|--------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 125 °C[-85 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Identification Marking

|                    |      |
|--------------------|------|
| Contact Color Code | None |
|--------------------|------|

Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

Product Compliance

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

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                      |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                      |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                           |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (3.7% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                                                                                                                                                                                                                                                                                                            |
| Solder Process Capability                     | Not reviewed 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

|                                                                                                                                       |                                                                                                                                       |                                                                                                                                         |                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # EK5226-000<br/>THX-24C422-814-6X</p>   |  <p>TE Part # EG4877-000<br/>THX-24C422-814-X</p>   |  <p>TE Part # EH9008-000<br/>THX-24C422-424-0</p>    |  <p>TE Part # 1976924-1<br/>TOOL, PLIERS, QUADRAX</p> |
|  <p>TE Part # EK4508-000<br/>3EQ-22C222-32M-9</p>  |  <p>TE Part # EK4509-000<br/>3EQ-24C222-32M-9</p> |  <p>TE Part # EK4510-000<br/>3EQ-26C422-32M-9</p>  |  <p>TE Part # EK3281-000<br/>CBS-24CN21-41M-9</p>   |
|  <p>TE Part # CW8337-000<br/>THX-24C112-811-0</p>  |  <p>TE Part # EG2662-000<br/>THX-24C112-818-0</p> |  <p>TE Part # EF5902-000<br/>THX-24C422-414-6X</p> |  <p>TE Part # EF8168-000<br/>THX-24C422-424-9</p>   |
|  <p>TE Part # CZ9707-000<br/>THX-26C422-414-6X</p> |  <p>TE Part # EK0442-000<br/>THX-26C422-814-0</p> |  <p>TE Part # EK0441-000<br/>THX-26C422-814-X</p>  | <p>TE Part # 1976923-1<br/>KIT, JAW (GB SOCKET)</p>                                                                                      |



TE Part # 1976923-2  
KIT, JAW (GA PIN)

TE Part # EL7102-000  
THX-24C422X414B-4X

TE Part # EK0443-000  
THX-26C422-814-6X

Also in the Series | AMP Quadrax

Connector Backshells(2)

Connector Caps & Covers(1)

Rack & Panel Connectors(25)

RF Contacts(14)

Customers Also Bought

TE Part #878497-000  
Bulbous Heat Shrink Boots: Lipped, Straight

TE Part #878515-000  
222K163-25-0

TE Part #38943-22L  
CONT SOC ASSY

TE Part #1738166-1  
INSERT ASY,PIN,E,30-P,KEY A

TE Part #1738174-1  
INSERT ASY,SKT,E,30-P,KEY B

TE Part #650076-000  
D-436-38

TE Part #5071213001  
99M1121-20-0/9-0

Documents

Product Drawings  
ASY,PIN,QUADRAX

English

CAD Files  
3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_1445692-1\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1445692-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1445692-1\\_M.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English