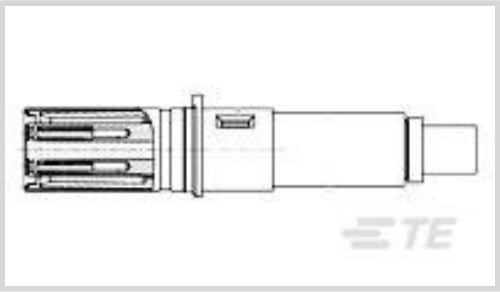




Connectors > Contacts > RF Contacts



RF Contact Style: **Quadrax**  
Contact Type: **Socket**  
Connector & Contact Terminates To: **Wire & Cable**  
Contact Orientation: **Straight**  
Compatible With RF Cable Type: **DRAKA F4704-4**

Features

Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Sealable                          | Yes           |
| RF Contact Style                  | Quadrax       |
| Connector & Contact Terminates To | Wire & Cable  |
| Compatible With RF Cable Type     | DRAKA F4704-4 |

Electrical Characteristics

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

Body Features

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

Contact Features

|                                      |                    |
|--------------------------------------|--------------------|
| Contact Base Material                | Copper             |
| Contact Length                       | 33.83 mm[1.331 in] |
| Contact Type                         | Socket             |
| Contact Orientation                  | Straight           |
| Contact Mating Area Plating Material | Gold (Au)          |
| Contact Current Rating (Max)         | 1 A                |

Termination Features

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

Mechanical Attachment

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



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

Usage Conditions

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

Operation/Application

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

Identification Marking

|                    |      |
|--------------------|------|
| Contact Color Code | Blue |
|--------------------|------|

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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Dodecamethylcyclohexasiloxane (D6) (.5% in 27519632265)<br>Decamethylcyclopentasiloxane (D5) (.5% in 27519632265)<br>Pb (3.7% in 74019106)<br>Octamethylcyclotetrasiloxane (D4) (.5% in 27519632265)<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 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 # 1976593-6  
TOOLS, INS, GB & GA QUADRAX

Customers Also Bought



TE Part #ZPF000000000200230  
724-0001-24



TE Part #ZPF000000000003594  
724-0001-22



TE Part #ZPF000000000200256  
724-0003-24



TE Part #1871058-2  
PCI EXPRESS CONN. EON TYPE, 64P,  
L=2.0

TE Part #ZPF000000000203980  
DMC-MD 89 A 01



TE Part #5788336-1  
STD USB TYPE B, VERTICAL, T/H



TE Part #4-1825136-4  
A101SYCB04

TE Part #ZPF000000000001633  
108-0019-00 A1142

TE Part #458238-ZZ  
EN4165, MC5 SOCKET INSERT F-O  
ASSEMBLY

TE Part #458237-C  
INS.ASSY.SLV.DMC-MWITH CERAMIC  
SLEEVES

Documents

Product Drawings



SOCKET CONTACT,QUADRAX,SZ8,RR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1445693-5\_P.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1445693-5\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1445693-5\_P.3d\_stp.zip

English

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

Datasheets & Catalog Pages

DEUTSCH MIL-DTL-38999 CIRCULAR CONNECTORS

English

Product Specifications

Application Specification

English