# 5-1814816-1  ✕ OBSOLETE

TE Internal #: 5-1814816-1

TE Internal Description: UHF Pnl Skt 4H Nickel Pltd

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RF Interface:  **UHF**

RF Connector Style:  **Jack**

RF Connector Mated Outer Diameter (Approximate):  **15.5 mm [ .61 in ]**

Impedance:  **50 Ω**

RF Connector Coupling Mechanism:  **Threaded**

## Features

### Product Type Features

| | |
|---|---|
| RF Interface | UHF |
| RF Connector Style | Jack |
| Connector System | Cable-to-Panel |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

### Electrical Characteristics

| | |
|---|---|
| Impedance | 50 Ω |

### Body Features

| | |
|---|---|
| Cable Connector Orientation | Straight |
| Body Material | Zinc |
| Body Plating Material | Nickel |

### Contact Features

| | |
|---|---|
| RF Connector Center Contact Plating Material | Tin |
| RF Connector Center Contact Material | Brass |

### Termination Features

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

## Mechanical Attachment

| | |
|---|---|
| Panel Mount Feature Type | Flange |
| RF Connector Coupling Mechanism | Threaded |
| Connector Mounting Type | Panel Mount |
| RF Contact Captivation Method | Solder |
| Detent | Without |

## Dimensions

| | |
|---|---|
| RF Connector Mated Outer Diameter (Approximate) | 15.5 mm[.61 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |

## Packaging Features

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

## Other

| | |
|---|---|
| Dielectric Material | PBT |

## 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 |
| 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Pb (3.1% in Component Part)<br>**Article Safe Usage Statements:**<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

## Documents

### Product Drawings

UHF Pnl Skt 4H Nickel Pltd

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1814816-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1814816-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1814816-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

### Product Specifications

Economy RF Coaxial Connectors

English

Product Specification

English

### Agency Approvals

UL Report

English