

5226990-6 ✓ ACTIVE



TE Internal #: 5226990-6
BNC RF Interface, Jack, 50 Ω, Bayonet, 4 GHz Operating
Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, Panel
Mount

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors > BNC RF Connector: Male (Jack), Right Angle



RF Interface: **BNC**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **14.53 mm [.572 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Bayonet**

[All BNC RF Connector: Male \(Jack\), Right Angle \(42\)](#)

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| RF Interface | BNC |
| RF Connector Style | Jack |
| Connector System | Cable-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|-------------|
| PCB Mount Orientation | Right Angle |
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

Electrical Characteristics

| | |
|---|-----------------|
| EMI & RFI Protection & Suppression Type | Isolated Ground |
| Impedance | 50 Ω |

Body Features

| | |
|-----------------------|----------------|
| Body Material | Polyester, PBT |
| Body Plating Material | Polyester |

Contact Features

| | |
|---|--------|
| RF Connector Center Contact Underplating Material | Nickel |
|---|--------|

30 μ m

| | |
|--|------|
| RF Connector Center Contact Plating Material | Gold |
|--|------|

| | |
|--------------------------------------|-----------------|
| RF Connector Center Contact Material | Phosphor Bronze |
|--------------------------------------|-----------------|

Termination Features

| | |
|--------------------------------|------------------|
| Termination Post & Tail Length | 4.11 mm[.162 in] |
|--------------------------------|------------------|

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Mechanical Attachment

| | |
|---------------------|---------|
| PCB Mount Retention | Without |
|---------------------|---------|

| | |
|------------------------|------------|
| Panel Attachment Style | Rear Mount |
|------------------------|------------|

| | |
|---------------------------------|---------|
| RF Connector Coupling Mechanism | Bayonet |
|---------------------------------|---------|

| | |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

| | |
|-------------------------------|------------|
| RF Contact Captivation Method | Mechanical |
|-------------------------------|------------|

| | |
|--------|------|
| Detent | With |
|--------|------|

Housing Features

| | |
|---------------|-------|
| Housing Color | Black |
|---------------|-------|

Dimensions

| | |
|-------------------------|-------------------|
| Profile Height from PCB | 15.88 mm[.625 in] |
|-------------------------|-------------------|

| | |
|---|-------------------|
| RF Connector Mated Outer Diameter (Approximate) | 14.53 mm[.572 in] |
|---|-------------------|

Usage Conditions

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|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

| | |
|-----------------------------|---|
| Operating Temperature Range | -55 - 85 $^{\circ}$ C[-67 - 185 $^{\circ}$ F] |
|-----------------------------|---|

Operation/Application

| | |
|---------------------|-------|
| Operating Frequency | 4 GHz |
|---------------------|-------|

Packaging Features

| | |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|

Other

| | |
|-------|------------|
| Grade | Commercial |
|-------|------------|

| | |
|---------------------|-------------------|
| Dielectric Material | Polymethylpentene |
|---------------------|-------------------|

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

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 # 5227426-1
BNC BLKHD RECPT SEALED



TE Part # 1-329631-2
JAM NUT, PLATED



TE Part # 5330876
BNC PLUG

Customers Also Bought



TE Part # 5103311-6
A/L LOW PRO HDR 26P RA BLACK



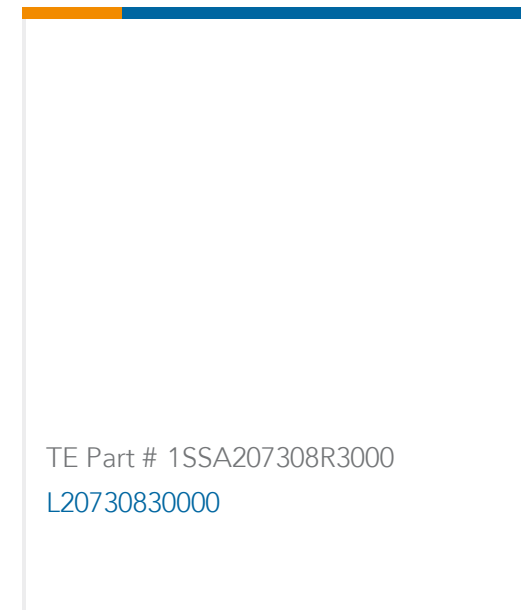
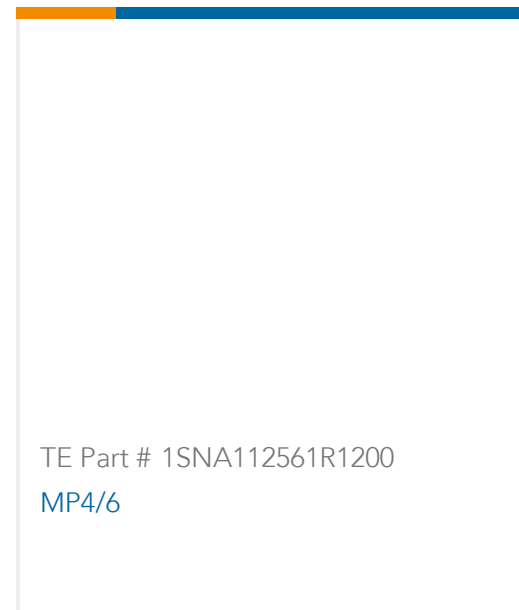
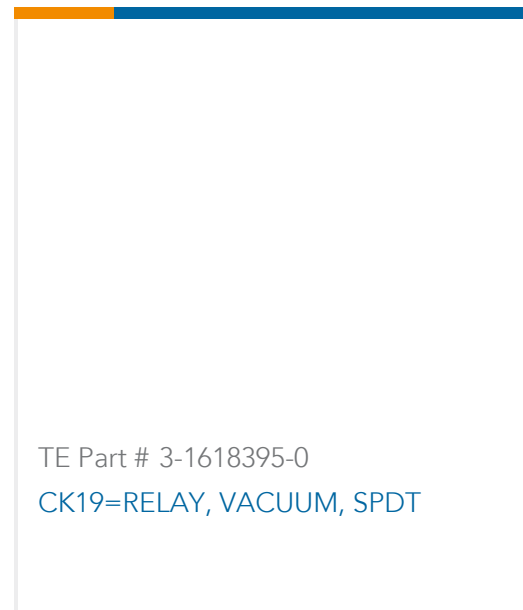
TE Part # 826925-5
5P MOD2 STIFT LEI



TE Part # 52197-1
TERM, RING, SOLIS, 6, #10, T&R



TE Part # 2-406541-3
MJ, INV, 1X1, 6PNL G., 100°ST, SN, NARROW POST



Documents

Product Drawings

PCB-BNC RT ANGLE JACK W/O POST

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5226990-6_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5226990-6_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5226990-6_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

BNC Connectors

English

Product Specifications

Product Specification

English

Product Specification

English

5226990-6

BNC RF Interface, Jack, 50 Ω , Bayonet, 4 GHz Operating Frequency, Cable-to-Board,
1 Position, Printed Circuit Board, Panel Mount



Instruction Sheets

Instruction Sheet (U.S.)

English