

227997-1 ✓ ACTIVE

TE Internal #: 227997-1

Coax Terminators, RG 214, 50 Ω , -40 – 176 °F [-40 – 80 °C]

[View on TE.com >](#)



Connectors > RF Coax Connectors > Coax Terminators



Compatible With RF Cable Type: **RG 214**

Impedance: **50 Ω**

Circuit Application: **Signal**

Operating Temperature Range: **-40 – 80 °C [-40 – 176 °F]**

Features

Product Type Features

| | |
|-------------------------------|--------|
| Compatible With RF Cable Type | RG 214 |
|-------------------------------|--------|

Electrical Characteristics

| | |
|-----------|-------------|
| Impedance | 50 Ω |
|-----------|-------------|

Body Features

| | |
|-----------------------|--------|
| Body Plating Material | Nickel |
|-----------------------|--------|

| | |
|---------------|-------|
| Body Material | Brass |
|---------------|-------|

Contact Features

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

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

Housing Features

| | |
|------------------|----------|
| Body Orientation | Straight |
|------------------|----------|

Usage Conditions

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

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 80 °C[-40 – 176 °F] |
|-----------------------------|---------------------------|

Operation/Application

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

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

Other

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



Dielectric Material

PTFE

Product Compliance

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

EU RoHS Directive 2011/65/EU

Not Yet Reviewed

EU ELV Directive 2000/53/EC

Not 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)
 Candidate List Declared Against: JUN 2012 (84)
 SVHC > Threshold:
 Not Yet Reviewed

Halogen Content

Low Bromine/Chlorine - Br and Cl < 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 292769-1
N-JB3

TE Part # 6314078-2
CRIMP TYPE N PLUG

TE Part # 134012-1
COAXICON RIGHT ANGLE PLUG

Documents

Product Drawings

N SERIES JACK TERMINATOR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_227997-1_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_227997-1_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_227997-1_R.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

1307191 RF Coax Products Catalog

English

Product Specifications

Product Specification

English

Terminator, N Series, 50 Ohm

English

Product Specification

Japanese