

8-331350-0 ✓ ACTIVE

[AMP](#) | [AMP BNC](#)

TE Internal #: 8-331350-0

BNC RF Interface, Plug, 50 Ω , RG 174 / RG 188, Bayonet, 4 GHz

Operating Frequency, 1 Position, Sealable, Wire & Cable, AMP BNC

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[Connectors](#) > [RF Connectors](#) > [Coax Connectors](#)



RF Interface: **BNC**

RF Connector Style: **Plug**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 174, RG 188**

Features

Product Type Features

| | |
|-----------------------------------|------------------|
| Connector Seal & Plug Type | Interfacial Seal |
| RF Interface | BNC |
| RF Connector Style | Plug |
| Compatible With RF Cable Type | RG 174, RG 188 |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

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

Electrical Characteristics

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

Body Features

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|-----------------------------|----------|
| Cable Connector Orientation | Straight |
| Body Material | Brass |
| Body Material Finish | Plated |
| Body Plating Material | Silver |

Contact Features

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



| | |
|------------|------|
| Crimp Type | Dual |
|------------|------|

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

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

Termination Features

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

Mechanical Attachment

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

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

Dimensions

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

Usage Conditions

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

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 165 °C[-85 – 329 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Packaging Features

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|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

Other

| | |
|----------------------------|-------|
| Coupling Nut Base Material | Brass |
|----------------------------|-------|

| | |
|-------|----------|
| Grade | Military |
|-------|----------|

| | |
|---------------------|------|
| Dielectric Material | PTFE |
|---------------------|------|

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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (3.7% in Contact/Component) |
|--|---|

Article Safe Usage Statements:



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 Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

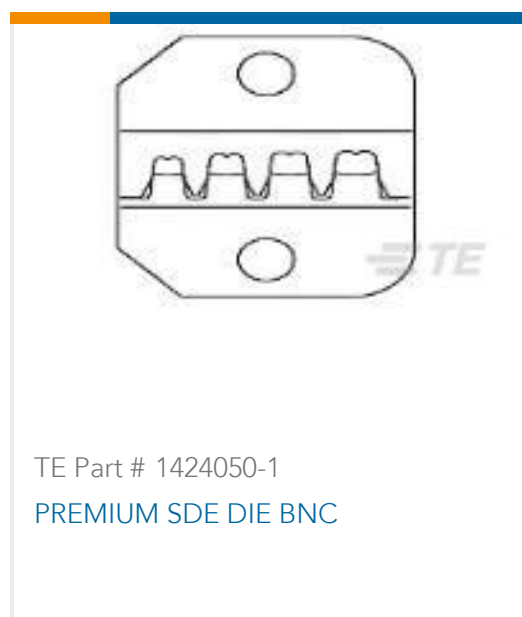
Solder Process Capability

Not applicable for solder process capability

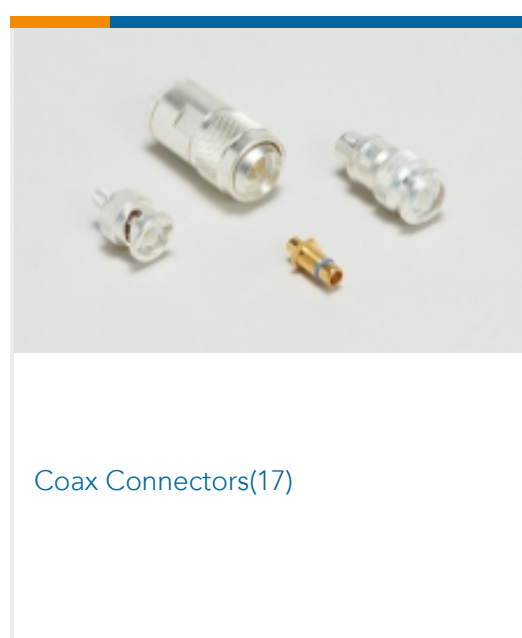
Product Compliance Disclaimer

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 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



Also in the Series | AMP BNC



Customers Also Bought



TE Part #4-2176070-9
3521 1K0 1% 2W



TE Part #1-2314102-2
M12 CRIMP CONTACT PIN 1MM AU0.
8 AWG22/24



TE Part #1676221-1
RN 0805 1K0 0.1% 10PPM CUT
LENGTH



TE Part #322797
SOLIS R HR 22-16COM 22-18MIL 6



TE Part #3-640426-8
08P MTA156 CONN ASSY 18AWG
ORA



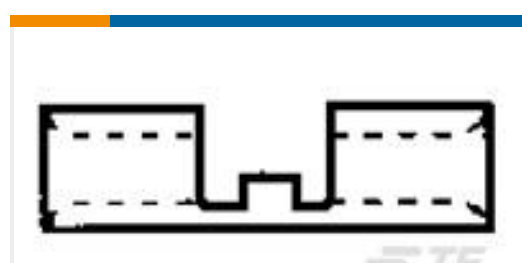
TE Part #CV25342001
RW175-E Heat shrink Tubing



TE Part #322798
SOLIS R HR 22-16COM 22-18MIL 8



TE Part #4-640428-5
15P MTA156 CONN ASSY 22AWG RED



TE Part #324369
SOLIS 26-22 S-T HR BUTT, AU

Documents

Product Drawings

BNC PLUG PTFE

English

CAD Files

Customer View Model

[ENG_CVM_CVM_8-331350-0_BR.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_8-331350-0_BR.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-331350-0_BR.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

8-331350-0

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Products for Aerospace and Defense

English