

## AMP | N Series

TE Internal #: 225389-3

N Type Connector, Plug, 50 ohm, Threaded, 11 GHz, 1 Position, Sealable, Wire & Cable, Cable Mount (Free-Hanging), N Series

View on TE.com >



#### Connectors > RF Connectors > Coax Connectors



RF Interface: N Type

RF Connector Style: Plug

RF Connector Mated Outer Diameter (Approximate): 21 mm [ .827 in ]

Impedance:  $50 \Omega$ 

Compatible With RF Cable Type: RG 225

## **Features**

Product Type Features	
Connector Seal & Plug Type	Interfacial Seal
RF Interface	N Type
RF Connector Style	Plug
Compatible With RF Cable Type	RG 225
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	
Cable Connector Orientation	Right Angle
Body Material	Brass

# **Contact Features**

Body Material Finish

Body Plating Material

Crimp Type	Dual Crimp

Plated

Silver



RF Connector Contact Configuration	Not Captivated
RF Connector Center Contact Underplating Material	Copper
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Beryllium Copper
Termination Features	
Termination Method to Wire & Cable	Crimp

## Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical

#### **Dimensions**

RF Connector Mated Outer Diameter (Approximate)	21 mm[.827 in]
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# **Usage Conditions**

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

# Operation/Application

Operating Frequency	11 GHz

# **Packaging Features**

Packaging Method	Carton	

# Other

Grade	Military
Dielectric Material	PTFE

# **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
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) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74018819) 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
	/CFR/FVC FIEE

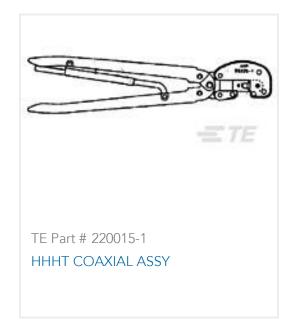
Solder Process Capability

Not applicable for solder process capability

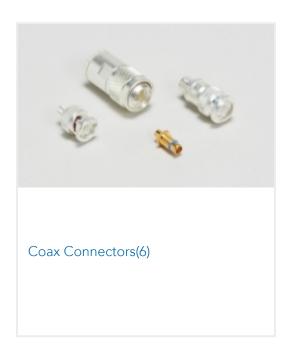
Product Compliance Disclaimer

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 N Series



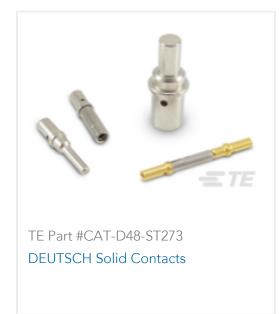
# Customers Also Bought

















### **Documents**

## **Product Drawings**

SERIES N RT ANG PLUG W/PROOF

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_225389-3\_N.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_225389-3\_N.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_225389-3\_N.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

## **Instruction Sheets**

Instruction Sheet (U.S.)

English

## **Agency Approvals**

**UL Report** 

N Type Connector, Plug, 50 ohm, Threaded, 11 GHz, 1 Position, Sealable, Wire & Cable, Cable Mount (Free-Hanging), N Series



English