

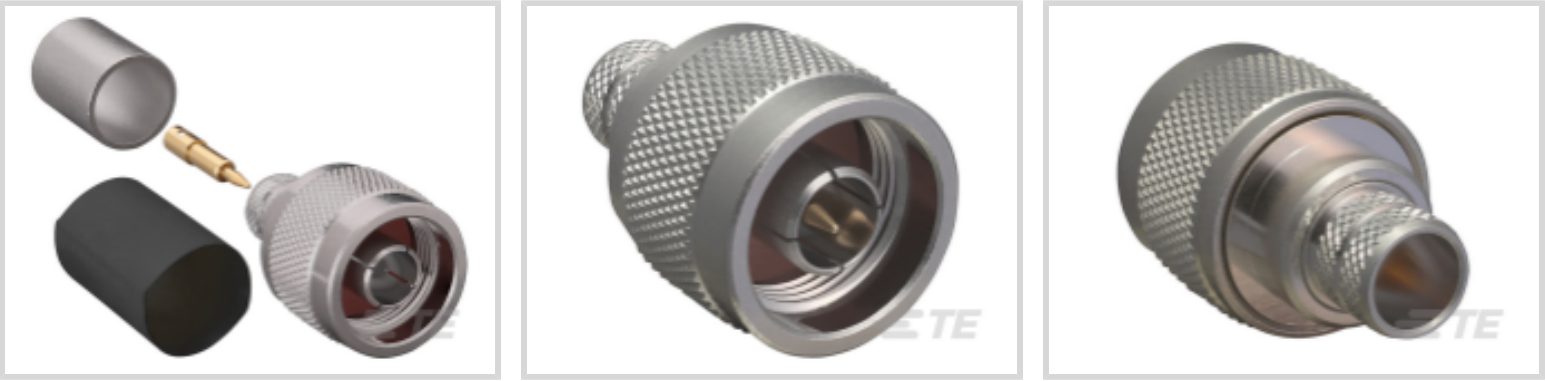
CONN007-1-W

✓ ACTIVE

TE Internal #: CONN007-1-W
N Type RF Interface, Plug, 50 ohm, Belden 9913 / Belden 9914 / LMR 400, Threaded, 11 GHz Operating Frequency, 1 Position, Wire & Cable
[View on TE.com >](#)



Connectors > RF Connectors > Coax Connectors



RF Interface: **N Type**
RF Connector Style: **Plug**
Impedance: **50 Ω**
Compatible With RF Cable Type: **Belden 9913, Belden 9914, LMR 400**
RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	N Type
RF Connector Style	Plug
Compatible With RF Cable Type	Belden 9913, Belden 9914, LMR 400
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	Brass
Body Material Finish	Plated
Body Plating Material	White Bronze

Contact Features

Ferrule Plating Material	White Bronze
--------------------------	--------------



Ferrule Material	Brass
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	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Usage Conditions

Operating Temperature Range	-60 – 165 °C[-76 – 329 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Signal
Operating Frequency	11 GHz

Packaging Features

Packaging Quantity	250
Packaging Method	Bulk

Other

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

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	Not Yet Reviewed
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



Solder Process Capability

Not reviewed 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 # L000379-02
Panel,5G/4G,2x2MIMO,9dBi,GNSS,
30cm N(f)



TE Part # L000379-03
Panel,5G/4G,2x2MIMO,9dBi, 500cm
SMA(m)



TE Part # L000379-04
Panel,5G/4G,2x2MIMO,9dBi,GNSS,
500cm SMA

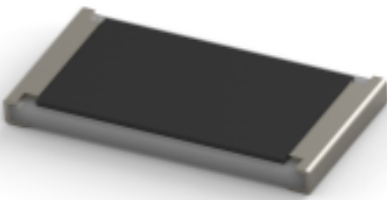


TE Part # 2492484-1
N Jack St 4-Hole Flange Extended
Recep

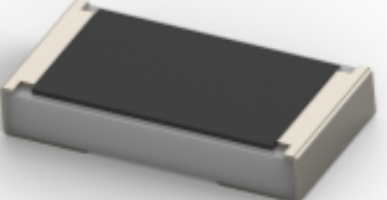
Customers Also Bought



TE Part #5-1676966-5
SMW2 18R 5%



TE Part #8-2176070-3
SMD Power Resistor: 2 Watt, 3521
Series



TE Part #7-2176231-5
SMD Power Resistor: 3 Watt, 1% Tol



TE Part #2208636-1
6POS,NANO MQS,HEADER ASSY,
CODA



TE Part #ASDD010-23SN
RECEPT 2 HOLE MTG ASSY 10-23 AS
DOUBLE D



TE Part #ASL006-05PA-HE
RECEPT.ASSY. 2 HOLE MNT.MICRO
MK3



TE Part #ASL606-05SA-HE
PLUG ASSY. AS MICRO MK3.

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_CONN007-1-W_A.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CONN007-1-W_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CONN007-1-W_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

N Plug Coaxial Cable Mount Connector

English

