225089-4 ✔ ACTIVE

TE Internal #: 225089-4

RF Connectors, N Type RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .75 in [19.05 mm], 50 Ω

View on TE.com >

Connectors > RF Coax Connectors > RF Connectors

RF Interface: **N Type**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **19.05 mm [.75 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 225**

Features

Product Type Features

RF Interface	N Type
RF Connector Style	Jack
Compatible With RF Cable Type	RG 225
Connector System	Cable-to-Panel
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 Plating Material	Silver

Contact Features

RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Not Captivated
Crimp Type	Dual

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Attachment Style	Rear Mount
Panel Mount Feature Type	Flange
RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

RF Connector Mated Outer Diameter (Approximate)	19.05 mm[.75 in]

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	Fluoropolymer

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: JAN 2021 (211) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed

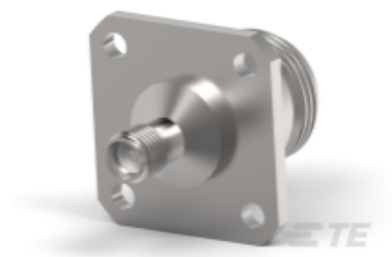
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 1057341-1
3080 2240 00



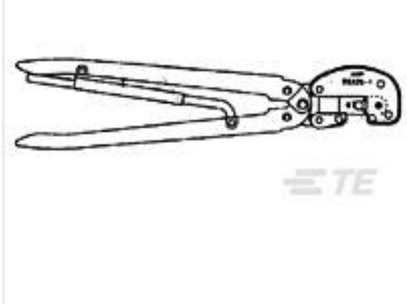
TE Part # 1057343-1
3080 2242 00

TE Part # 1057463-1
3084 2240 00

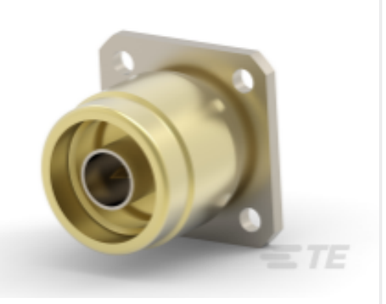
TE Part # 1-5225661-2
SERIES N PLUG TR

TE Part # 1057377-1
3082 2240 00,ADAPTER,N TO SMA

TE Part # 1058653-1
3680 2242 00



TE Part # 220015-1
HHHT COAXIAL ASSY

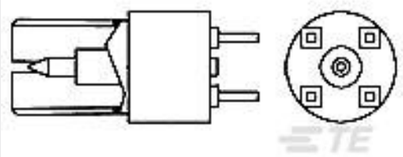


TE Part # 1057277-1
3051 1200 10

TE Part # 1057275-1
3051 0000 10

TE Part # 1058675-1
3684 2240 00

TE Part # 1057279-1
3051 1201 10



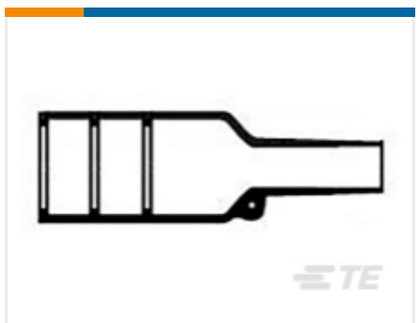
TE Part # 1274531-1
N SERIES, SURFACE MOUNT PCB

Customers Also Bought

TE Part #1-2308273-2
QLPIN FOR D-SUB W/ FIXED FEMALE SCREWL.

TE Part #1-2308349-1
CRIMP FLANGE FOR SIZE 1-3STD/1-4QL SHELL

TE Part #1-2308350-2
CRIMP BARREL



TE Part #502945-000
Bulbous Heat Shrink Boots: Lipped, Straight

TE Part #132016-1
TERMINAL PIDG RING TONGUE 20

TE Part #807903-000
D-110-0213

TE Part #1676209-1
RN 0805 17K8 0.1% 10PPM CUT LENGTH

TE Part #7-1614893-7
CPF 0805 88K7 0.1% 25PPM 1K RL

TE Part #ZPF000000000011480
BJD 50-1-20 P-A

TE Part #2-1879267-5
RP 2B 825K 0.1% 15PPM CUT LENGTH

Documents

Product Drawings

SERIES N JACK W/PROOF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_225089-4_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_225089-4_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_225089-4_N.3d_stp.zip

English

Product Specifications

Product Specification

English

Connector, Coaxial, Series N

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMP* COAXICON* 50 OHM, R.F. CONNECTORS SERIES N PANEL JACKS

English

Agency Approvals

UL Report

English