# 1-1478912-0 ACTIVE

### AMP | SMA

TE Internal #: 1-1478912-0

SMA RF Interface, Plug, 50 ohm, KX 3B / RG 174A / RG 316, Threaded, 26 GHz Operating Frequency, Cable-to-Cable, 1

Position, Sealable, SMA

View on TE.com >



Connectors > RF Connectors > Coax Connectors



RF Interface: SMA

RF Connector Style: Plug

RF Connector Mated Outer Diameter (Approximate): 6.35 mm [ .25 in ]

Impedance:  $50 \Omega$ 

Compatible With RF Cable Type: KX 22A, KX 3B, RG 174A, RG 188A, RG 316, URM 95

## **Features**

### **Product Type Features**

Connector Product Type	Connector Assembly
Connector Seal & Plug Type	Gasket
RF Interface	SMA
RF Connector Style	Plug
Compatible With RF Cable Type	KX 22A, KX 3B, RG 174A, RG 188A, RG 316, URM 95
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	1
Number of Coaxial Contacts	1
Flectrical Characteristics	

#### **Electrical Characteristics**

Impedance	50 Ω	
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# **Body Features**

Cable Connector Orientation	Right Angle
Body Material	Stainless Steel
Body Material Finish	Plated



Body Plating Material	Gold
Contact Features	
RF Connector Center Contact Underplating Material	Copper
RF Connector Contact Configuration	Not Captivated
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Brass
Termination Features	
Termination Method to Wire & Cable	Solder & Clamp
Mechanical Attachment	
RF Connector Coupling Mechanism	Threaded
RF Contact Captivation Method	Solder
Detent	Without
Dimensions	
Product Length	16.7 mm[.657 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]
Usage Conditions	
Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
Operation/Application	
Operating Frequency	26 GHz
Packaging Features	
Packaging Quantity	100
Packaging Method	Box
Other	
Coupling Nut Plating Material	Gold
Coupling Nut Base Material	Stainless Steel
Gasket Material	Silicone Rubber
Grade	Professional
Dielectric Material	PTFE

# **Product Compliance**

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

EU ROAS Directive 2011/05/EU Compilant with exemptions	EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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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 2024 (241)  Candidate List Declared Against: JUNE 2024 (241)  SVHC > Threshold:  Pb (4.75% in Component Part)  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	Wave solder capable to 265°C

#### 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 | SMA



Battery Holders(1)



Coax Connectors(65)



Connector Adapters & Connector Savers(8)





Connector Hardware(2)



Connector Strain Relief(1)



RF Cable Assemblies(2)

# Customers Also Bought



TE Part #5352152-4 HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm



TE Part #1-1462038-7
IM07NS=IM RELAY 200mW 24V



TE Part #8-1624112-1 3650 0603 36nH 5% 2K RL

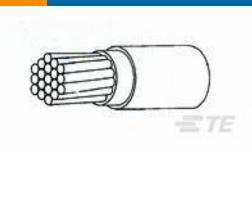




TE Part #YDTS20W11-05PNV001
RECP ASSY



TE Part #2857553006 44A0111-26-5



TE Part #2857563006 44A0111-26-6



## **Documents**

Product Drawings

SMA R/A PLG S/CLMP RG174 GSS

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_1-1478912-0\_B.2d\_dxf.zip

SMA RF Interface, Plug, 50 ohm, KX 3B / RG 174A / RG 316, Threaded, 26 GHz Operating Frequency, Cable-to-Cable, 1 Position, Sealable, SMA



English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-1478912-0\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1478912-0\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

**Product Specifications** 

**Product Specification** 

English