



Connectors > RF Connectors > Coax Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

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

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 405**

Features

Product Type Features

| | |
|-----------------------------------|--------------------|
| Connector Product Type | Connector Assembly |
| RF Interface | SMA |
| RF Connector Style | Jack |
| Compatible With RF Cable Type | RG 405 |
| 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 | Stainless Steel |



| | |
|-----------------------|------|
| Body Plating Material | Gold |
|-----------------------|------|

Contact Features

| | |
|---------------------------------------------------|---------------------|
| RF Connector Contact Configuration | Captivated Contacts |
| RF Connector Center Contact Underplating Material | Copper, Nickel |
| RF Connector Center Contact Plating Material | Gold (Au) |
| RF Connector Center Contact Material | Beryllium Copper |

Termination Features

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

Mechanical Attachment

| | |
|---------------------------------|-------------|
| Panel Mount Feature Type | Flange |
| Panel Attachment Style | Rear Mount |
| RF Connector Coupling Mechanism | Threaded |
| Connector Mounting Type | Panel Mount |
| RF Contact Captivation Method | Mechanical |
| Detent | Without |

Dimensions

| | |
|-------------------------------------------------|-----------------|
| Product Length | 12.7 mm[.5 in] |
| RF Connector Mated Outer Diameter (Approximate) | 6.35 mm[.25 in] |

Operation/Application

| | |
|---------------------|--------|
| Operating Frequency | 18 GHz |
|---------------------|--------|

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

Other

| | |
|--------------------------------|-------------------|
| Number of Panel Mounting Holes | 4 |
| Dielectric Material | PTFE Fluorocarbon |

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 2025
(247)
Candidate List Declared Against: JUL 2021
(219)
SVHC > Threshold:
Pb (.6% in Component Part)

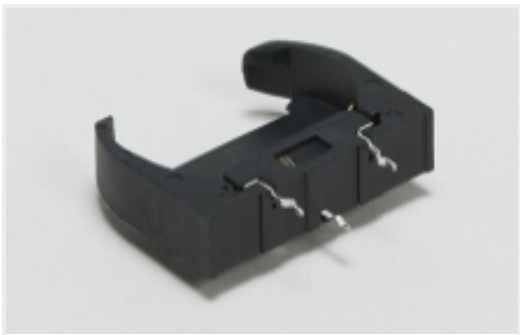
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| Solder Process Capability | 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>


Also in the Series | SMA




Battery Holders(1)



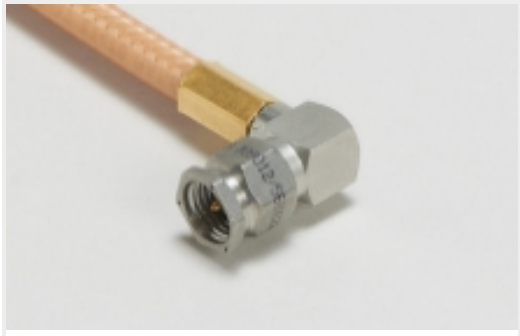
Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)



RF Cable Assemblies(2)

Customers Also Bought



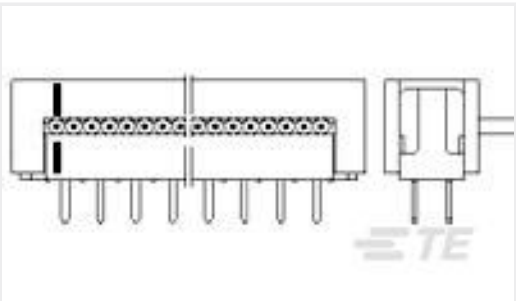
TE Part #EG6995-000
RNF-100-1/2-BK-FSP-250KFT



TE Part #1050859-1
2002 5016 00



TE Part #216604-7
2X 7P HV190FEDERLEI



TE Part #1-216093-0
AMP-LATCH PRE-ASSY DIL WITHO



TE Part #5-747917-2
37 Rcpt Solder Cup, Gold Flash



TE Part #1050776-1
2001 8002 92



TE Part #5747250-6
09 MSFL PLUG RA 318 (SL,FM)



TE Part #5-2176231-2
3522 1K3 1% 3W



TE Part #1056231-1
2701 7947 00



TE Part #1046236-1
SCD,1250 1156 00,SMA Cable Jack

Documents

Product Drawings

2006 5012 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1051049-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1051049-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1051049-1_A.3d_stp.zip

English

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

Instruction Sheets



Instruction Sheet (U.S.)

English

OSM Straight Cable Jack Direct Solder Attachment 1311809-1, 1311067-1, 1050859-1, 1087300-1, 1051046-1, 1311069-1, 1051049-1, 1051067-1, 1058940-1, and 1051047-1

English