



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 195**

Features

Product Type Features

| | |
|-----------------------------------|--------------------|
| Connector Product Type | Connector Assembly |
| RF Interface | SMA |
| RF Connector Style | Jack |
| Compatible With RF Cable Type | RG 195 |
| 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

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|-----------------------------|-----------------|
| Cable Connector Orientation | Straight |
| Body Material | Stainless Steel |
| Body Plating Material | Gold |

Contact Features

| | |
|---|----------------|
| RF Connector Contact Configuration | Not Captivated |
| 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

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

Mechanical Attachment

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|------------------------|------------|
| Panel Attachment Style | Rear Mount |
|------------------------|------------|

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|---------------------------------|--------------------|
| RF Connector Coupling Mechanism | Retractable Collar |
|---------------------------------|--------------------|

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|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

| | |
|-------------------------------|------------|
| RF Contact Captivation Method | Mechanical |
|-------------------------------|------------|

| | |
|--------|---------|
| Detent | Without |
|--------|---------|

Dimensions

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|----------------|-----------------|
| Product Length | 21.6 mm[.85 in] |
|----------------|-----------------|

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

Operation/Application

| | |
|---------------------|-------|
| Operating Frequency | 6 GHz |
|---------------------|-------|

Packaging Features

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|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

Other

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

Product Compliance

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

| | |
|------------------------------|------------------|
| EU RoHS Directive 2011/65/EU | Not Yet Reviewed |
|------------------------------|------------------|

| | |
|-----------------------------|---------------------------|
| 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 2017 (174) SVHC > Threshold: Not Yet Reviewed |
|--|---|

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

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|---------------------------|--|
| 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.

Also in the Series | SMA



Battery Holders(1)



Connector Adapters & Connector Savers(8)



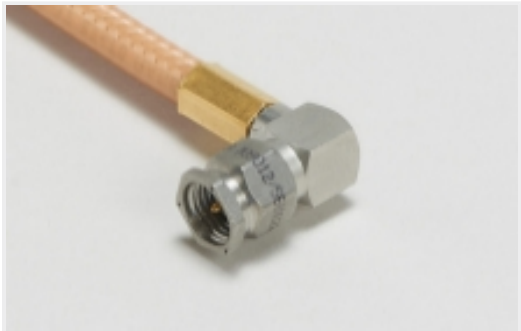
Connector Caps & Covers(3)



Connector Hardware(2)



Connector Strain Relief(1)



RF Cable Assemblies(2)

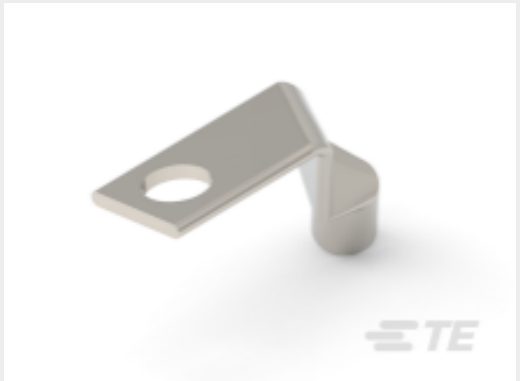
Customers Also Bought



TE Part #306409-000
44AM1141-20-0/2/5/9-9



TE Part #6-1617540-4
J1MAP-6XL=M39016/7-016L



TE Part #696469-1
AMPPOWER,2,3/8,TIN,90,30 DEG BL



TE Part #4-1617813-6
TD228-7500P=TDFO .75 SEC M83726 /28-7500P





TE Part #867121-1
12 POS TUBE BASE & FLY LEADS



TE Part #743487-000
D-500-0255-022



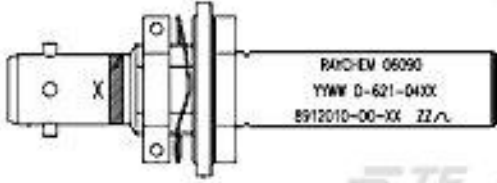
TE Part #455188-000
D-500-0255-021-02



TE Part #626023-000
D-711-03



TE Part #867726-1
VRL-1L DBL ENDED LEAD ASSY



TE Part #066057-000
D-621-0466

Documents

Product Drawings

2004 7195 00

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1050999-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1050999-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1050999-1_B.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 Bulkhead Feedthrough Cable Jack Clamp Attachment 1050999-1, 1051000-1, and 1082812-1

English