# 1031 5002 00,OSSM CABLE PLUG ✔ ACTIVE

AMP | AMP OSMM, AMP SSMA

TE Part # 1045481-1

TE Internal #: 1045481-1

View on TE.com >

Connectors > RF & Coax Connectors > RF Connectors



RF Interface: **SSMA**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **7.24 mm [ .285 in ]**

Impedance: **50 Ω**

Cable Type: **RG 174, RG 316**

## Features

### Product Type Features

| | |
|---|---|
| RF Interface | SSMA |
| RF Connector Style | Plug |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Connector Seal Type | Interfacial Seal |

### Configuration Features

| | |
|---|---|
| Port Configuration | Single Port |
| 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 Finish | Plated |
| Body Plating Material | Gold |

### Contact Features

| | |
|---|---|
| Ferrule Material | Copper Alloy |
| Connector Product Type | Connector Assembly |

| | |
|---|---|
| Ferrule Plating Material | Gold |
| RF Connector Center Contact Plating Material | Gold |
| RF Connector Center Contact Material | Beryllium Copper |

### Termination Features

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

### Mechanical Attachment

| | |
|---|---|
| RF Connector Coupling Mechanism | Threaded |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| RF Contact Captivation Method | None |

### Dimensions

| | |
|---|---|
| Product Length | 31.75 mm[1.25 in] |
| RF Connector Mated Outer Diameter (Approximate) | 7.24 mm[.285 in] |

### Usage Conditions

| | |
|---|---|
| Cable Type | RG 174, RG 316 |
| Operating Temperature Range | -65 – 165 °C[-85 – 329 °F] |

### Operation/Application

| | |
|---|---|
| Operating Frequency | 38 GHz |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 1 |
| Packaging Method | Package |

### Other

| | |
|---|---|
| Coupling Nut Plating Material | Gold |
| Gasket Material | Silicone Rubber |
| Coupling Nut Base Material | Stainless Steel |
| Additional Features | Shrink Tubing |
| Dielectric Material | PTFE |

## 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 | 欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月（197）<br>SvHCs候选清单的声明更新至: 2019年1月（197） |
| Halogen Content | Not Yet Reviewed for halogen content |
| 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 | AMP OSMM



RF Connectors(5)

## Also in the Series | AMP SSMA

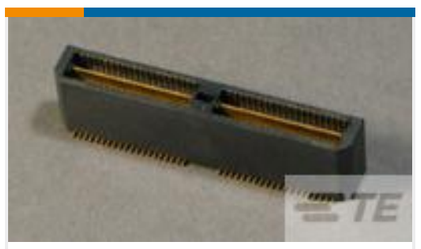


In-Series Adapters(5)



RF Connectors(47)

## Customers Also Bought



TE Part #1658046-2
MSB0.80PL11ASY080FL,-,F,-TY



TE Part #1050999-1
2004 7195 00



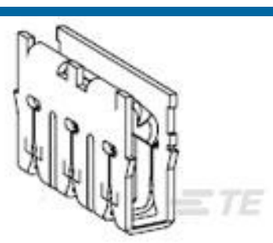
TE Part #1617355-1
JMAW-18XP=M39016/9-017P



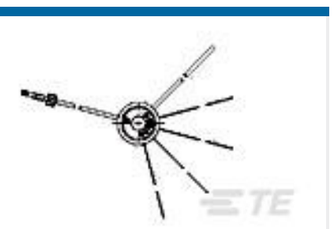
TE Part #1618096-3
910-3X=WILMAR PHASE SEQUENCE



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

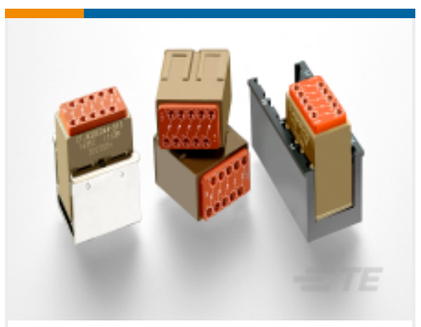


TE Part #63975-1
MAG-MATE TRI SLOT 016 TPBR



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

TE Part #ABC26C-8000A
PLUG ASSY



TE Part #CTJ420E060-513
ELEC MODULE



TE Part #975269-000
MK-0001-35

## Documents

### Product Drawings

### CAD Files

Customer View Model
ENG_CVM_CVM_1045481-1_C.2d_dxf.zip
English

3D PDF
3D

Customer View Model
ENG_CVM_CVM_1045481-1_C.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_1045481-1_C.3d_stp.zip
English

### Instruction Sheets

Instruction Sheet (U.S.)
English