



TE Internal #: 1055687-1  
RF Connectors, SSMT RF Interface, Plug, RF Connector Mated  
Outer Diameter (Approximate) .102 in [2.6 mm], 50 Ω, Snap-On,  
6GHz Operating Frequency  
[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SSMT**  
RF Connector Style: **Plug**  
RF Connector Mated Outer Diameter (Approximate): **2.6 mm [ .102 in ]**  
Impedance: **50 Ω**  
RF Connector Coupling Mechanism: **Snap-On**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| RF Interface                      | SSMT                  |
| RF Connector Style                | Plug                  |
| Connector System                  | Cable-to-Board        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                            |          |
|----------------------------|----------|
| Number of Positions        | 1        |
| PCB Mount Orientation      | Vertical |
| Number of Coaxial Contacts | 1        |

Electrical Characteristics

|           |      |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|

Body Features

|                      |                             |
|----------------------|-----------------------------|
| Body Material        | Polyphenylene Sulfide (PPS) |
| Body Material Finish | Plated                      |



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

Contact Features

|                                                   |              |
|---------------------------------------------------|--------------|
| RF Connector Center Contact Underplating Material | Nickel       |
| RF Connector Center Contact Plating Material      | Gold         |
| RF Connector Center Contact Material              | Copper Alloy |

Termination Features

|                                             |               |
|---------------------------------------------|---------------|
| Termination Method to Printed Circuit Board | Surface Mount |
|---------------------------------------------|---------------|

Mechanical Attachment

|                                 |             |
|---------------------------------|-------------|
| RF Connector Coupling Mechanism | Snap-On     |
| Connector Mounting Type         | Board Mount |
| Detent                          | Without     |

Dimensions

|                                                 |                  |
|-------------------------------------------------|------------------|
| RF Connector Mated Outer Diameter (Approximate) | 2.6 mm[.102 in]  |
| Height Above PC Board                           | 2.06 mm[.081 in] |

Usage Conditions

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| Operating Temperature Range | -40 – 125 °C, -40 – 125 °C[-40 – 257 °F][-40 – 257 °F] |
|-----------------------------|--------------------------------------------------------|

Operation/Application

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

Packaging Features

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

Other

|             |                                                               |
|-------------|---------------------------------------------------------------|
| Cable Entry | Multi-Directional                                             |
| Comment     | Requires part number 1221286-1 Engagement/Disengagement Tool. |

Product Compliance

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

|                                               |                                             |
|-----------------------------------------------|---------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                   |
| EU ELV Directive 2000/53/EC                   | Compliant                                   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold     |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2021 (211) |

Candidate List Declared Against: JAN 2021  
(211)

Does not contain REACH SVHC

## Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

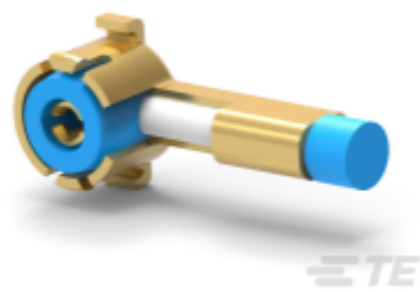
## Solder Process Capability

Reflow solder capable to 260°C

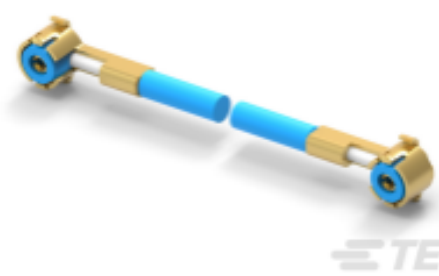
## Product Compliance Disclaimer

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>

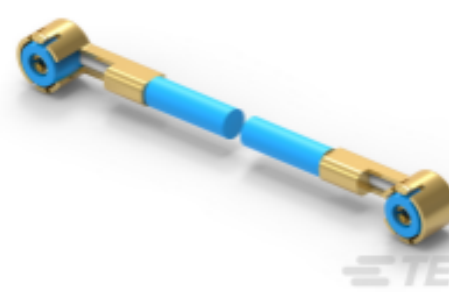
## Compatible Parts



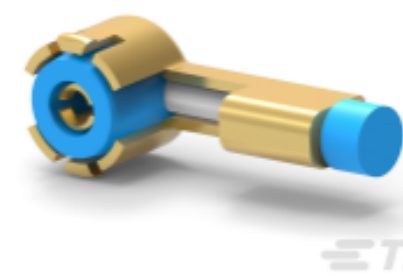
TE Part # 1064538-1  
9960 2200 24,CABLE ASSEMBLY



TE Part # 1064530-1  
9960 1200 24



TE Part # 1064524-1  
9960 1100 24



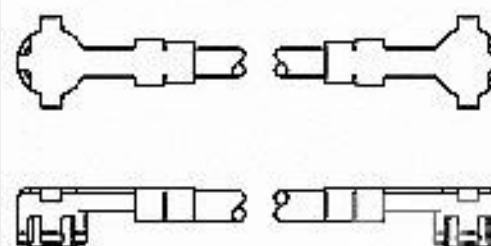
TE Part # 1064540-1  
9960 2305 24



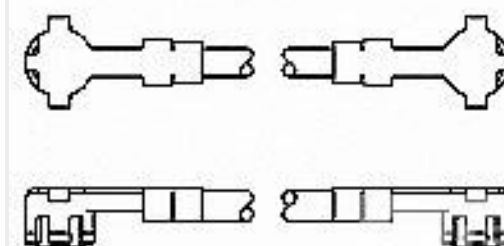
TE Part # 1064542-1  
9960 2510 24



TE Part # 1064535-1  
9960 2100 24, SSMT, RT. ANGLE

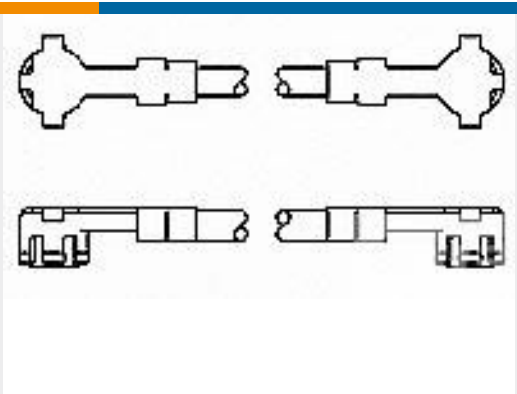


TE Part # 1064533-1  
9960 1305 24

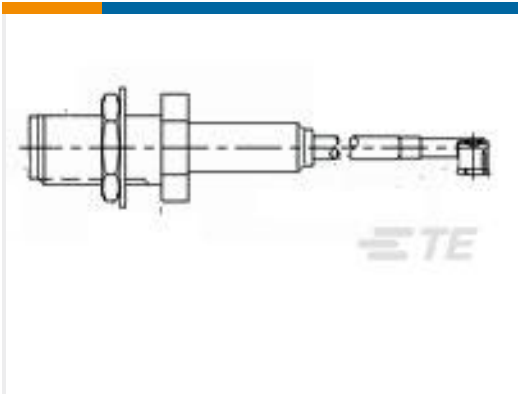


TE Part # 1064523-1  
9960 1075 24

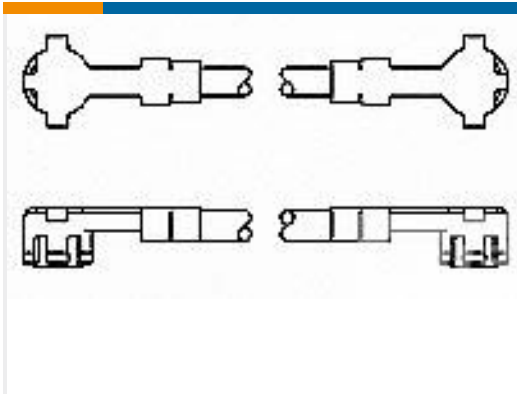




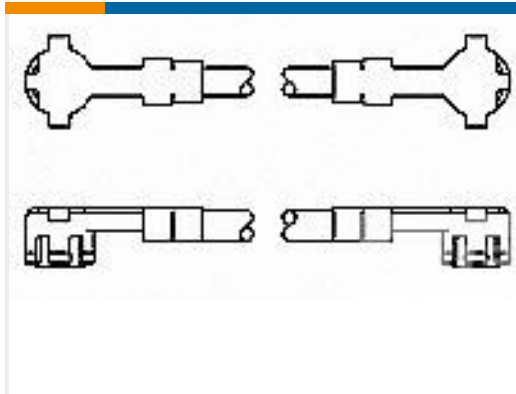
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9960 1050 24



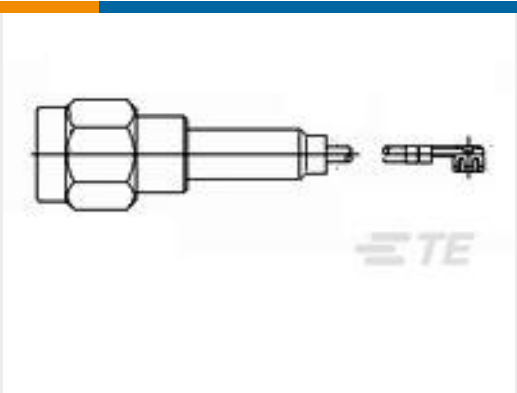
TE Part # 1064544-1  
9960 4100 02,CABLE ASSEMBLY



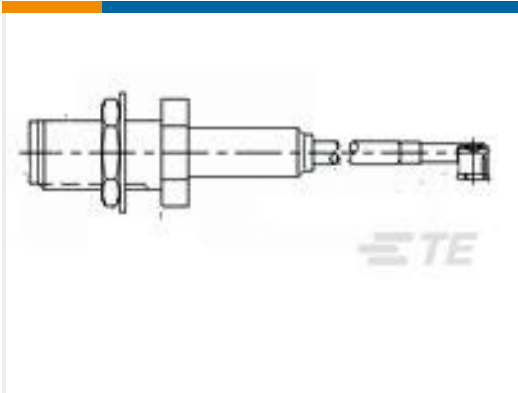
TE Part # 1064526-1  
9960 1130 24



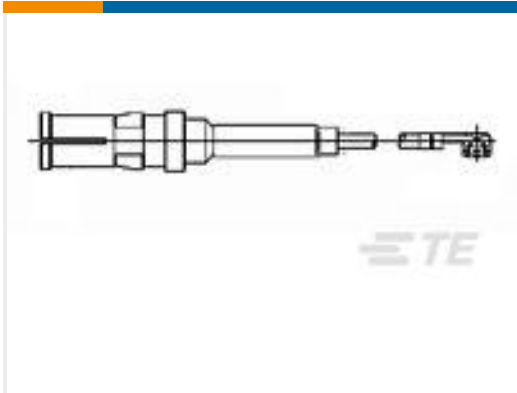
TE Part # 1064529-1  
9960 1165 24



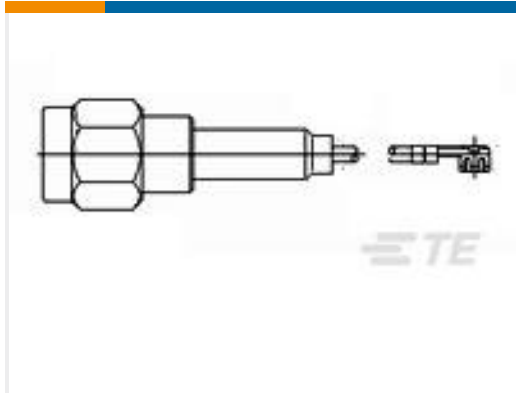
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9960 4200 01



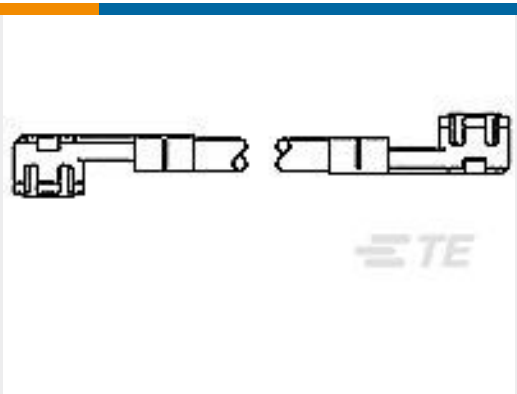
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9960 4200 02



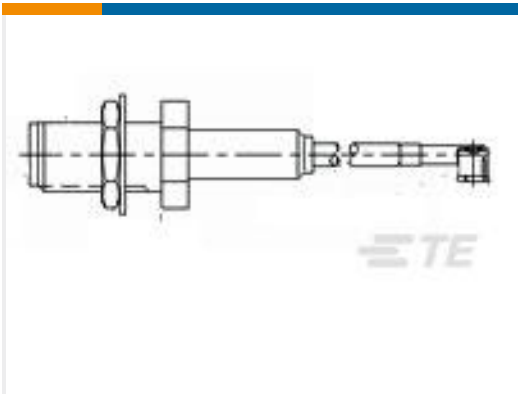
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9960 4200 08



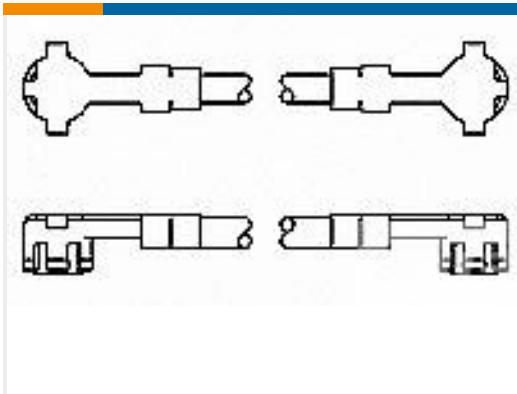
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9960 4305 01



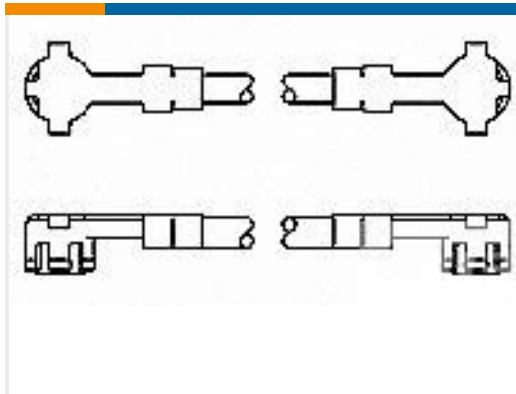
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9960 3100 24



TE Part # 1064563-1  
9960 4305 04



TE Part # 1081829-1  
9960 1150 24

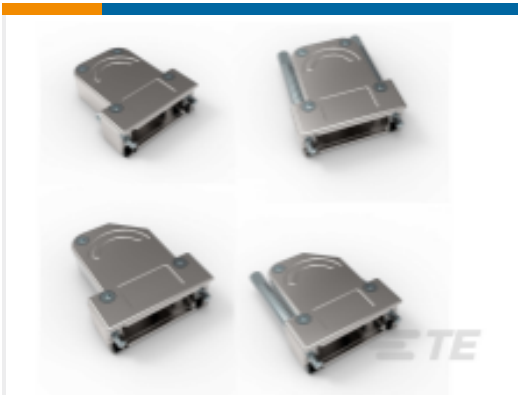


TE Part # 1082628-1  
9960 1055 24

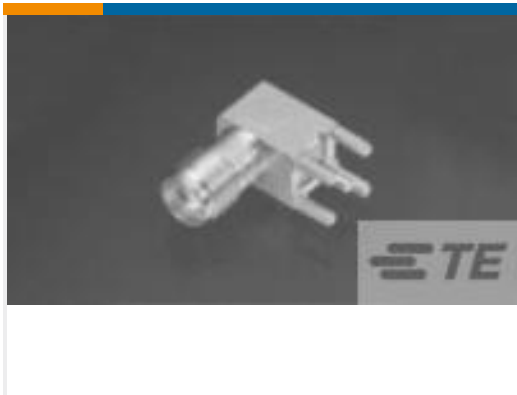
Customers Also Bought



TE Part #1-5645955-2  
Mini Spring Sockets: Bullet Nose, 4A



TE Part #1-2308341-6  
D-SUB BACKSHELL SIZE 2



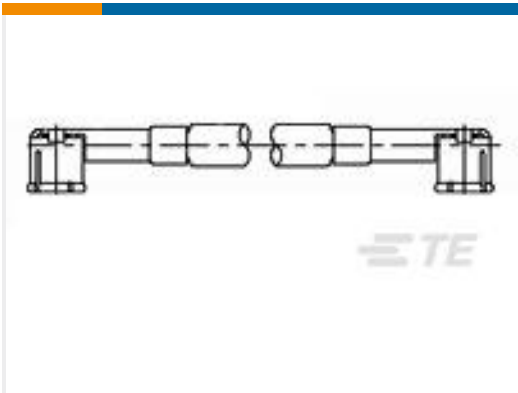
TE Part #1053378-1  
2064 0000 00



TE Part #1055688-1  
2367 5001 54, VERT PLUG



TE Part #1053354-1  
2062 0000 00,SMA PCB VERT JACK



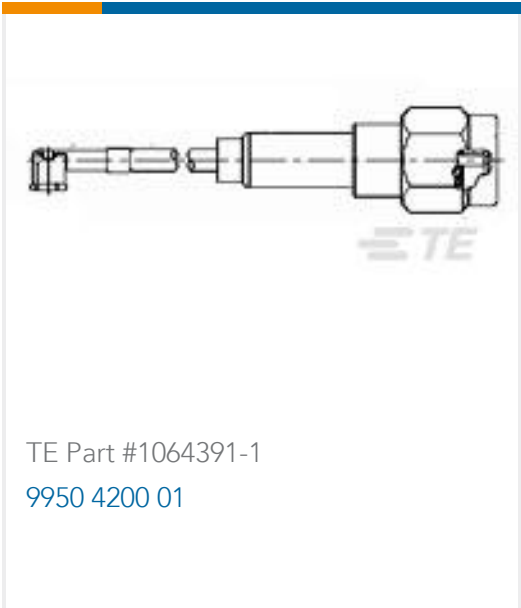
TE Part #1064309-1  
9950 1200 23



TE Part #103166-3  
10 MODII HDR DRRA SHRD .100CL



TE Part #1-640250-2  
3.96mm Wire-to-board housing: receptacle, with mating alignment, SL 156



Documents

Product Drawings

[2367 0000 54, VERT PLUG](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_1055687-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1055687-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1055687-1\\_C.3d\\_stp.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1-1773725-8\\_RF\\_COAX\\_QRG](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English