

2477465-1 ✓ ACTIVE

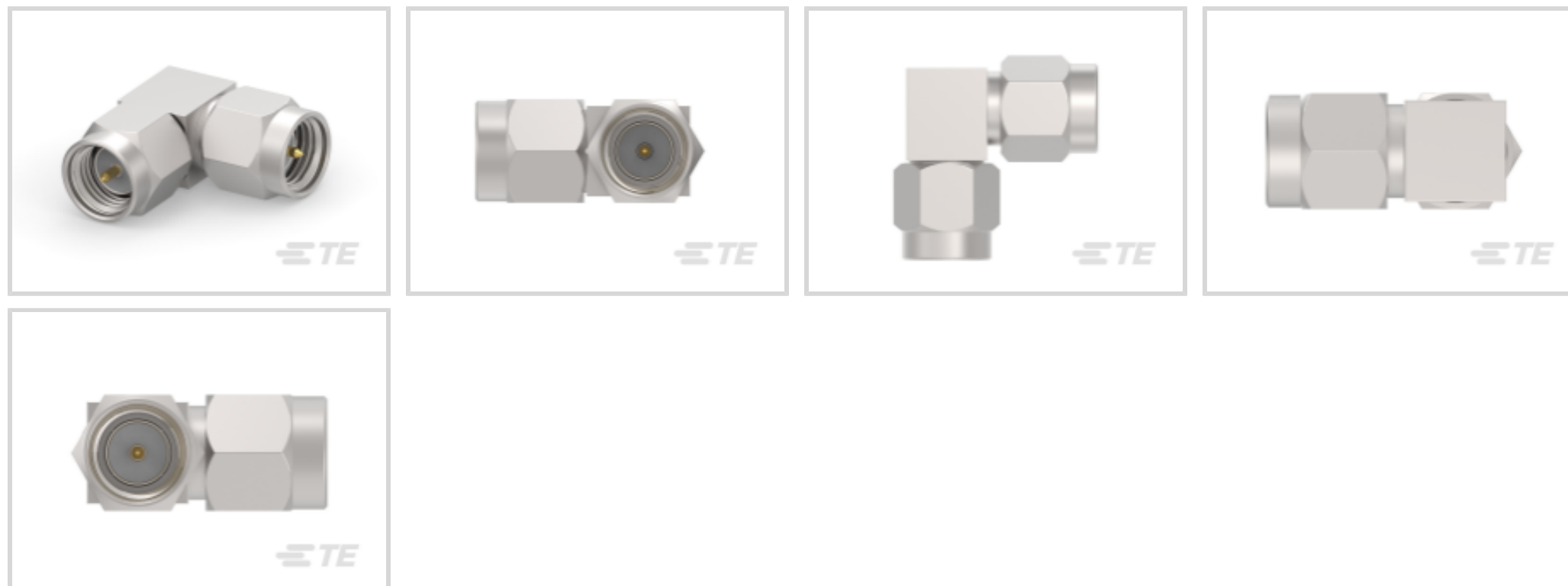
TE Internal #: 2477465-1

In-Series Adapter, Right Angle, SMA, Plug Side A, SMA, Plug Side B, 1 Position

[View on TE.com >](#)



Connectors > Connector Accessories > Connector Adapters & Connector Savers



Connector Interface Adapter Type: **In-Series Adapter**

Body Orientation: **Right Angle**

Side A Interface: **SMA**

Side A Gender: **Plug**

Side B Interface: **SMA**

Features

Product Type Features

| | |
|----------------------------------|-------------------|
| Connector Interface Adapter Type | In-Series Adapter |
| Side A Interface | SMA |
| Side A Gender | Plug |
| Side B Interface | SMA |
| Side B Gender | Plug |
| Connector System | Cable-to-Cable |
| Sealable | No |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 1 |
|---------------------|---|

Electrical Characteristics

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

Body Features

| | |
|-----------------------|-----------------|
| Body Plating Finish | Passivated |
| Body Plating Material | Passivated |
| Body Material | Stainless Steel |



Contact Features

| | |
|--|-------|
| Contact Mating Area Plating Material | Gold |
| RF Connector Center Contact Plating Material | Gold |
| RF Connector Center Contact Material | Brass |
| Contact Base Material | Brass |

Mechanical Attachment

| | |
|-------------------------------|----------------------------|
| RF Contact Captivation Method | Mechanical |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|------------------|-------------|
| Body Orientation | Right Angle |
|------------------|-------------|

Dimensions

| | |
|----------------|-------------------|
| Product Length | 16.6 mm [.653 in] |
|----------------|-------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -65 – 165 °C [-85 – 329 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|------------|
| Operating Frequency | 0 – 18 GHz |
| Circuit Application | Signal |

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 1 |
| Packaging Method | Bag |

Other

| | |
|---------------------|--------------------------------|
| Dielectric Material | Polytetrafluoroethylene (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 | Not Yet Reviewed |
| 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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: |



Pb (3.34% 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 reviewed 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.

Compatible Parts



TE Part # 2081885-1
EP-SMA, JACK, 27GHz, STRAIGHT, 086 CABLE



TE Part # 2484637-1
SMA Jack RA Edge Mnt Solder Tab 18 GHz



TE Part # 2484639-1
SMA Jack Str PCB Thru Hole BHD 18 GHz



TE Part # 2484780-1
SMA Jack Str SMD Pin Thru Hole 18 GHz



TE Part # 2484782-1
SMA Jack RA PCB Thru Hole 18 GHz 50 Ohm



TE Part # 2484786-1
SMA Jack RA SMD Pin Thru Hole 18 GHz



TE Part # 2484787-1
SMA Jack RA PCB Thru Hole BHD 18 GHz

Customers Also Bought



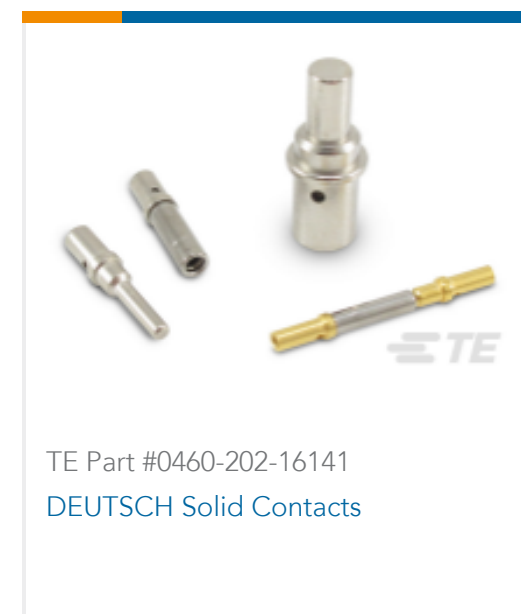
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

[SMA Plug to SMA Plug RA 18 GHz SUS](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2477465-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2477465-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2477465-1_1.3d_stp.zip](#)

English

3D PDF

3D

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

Product Specifications

[Product Specification](#)

English

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English