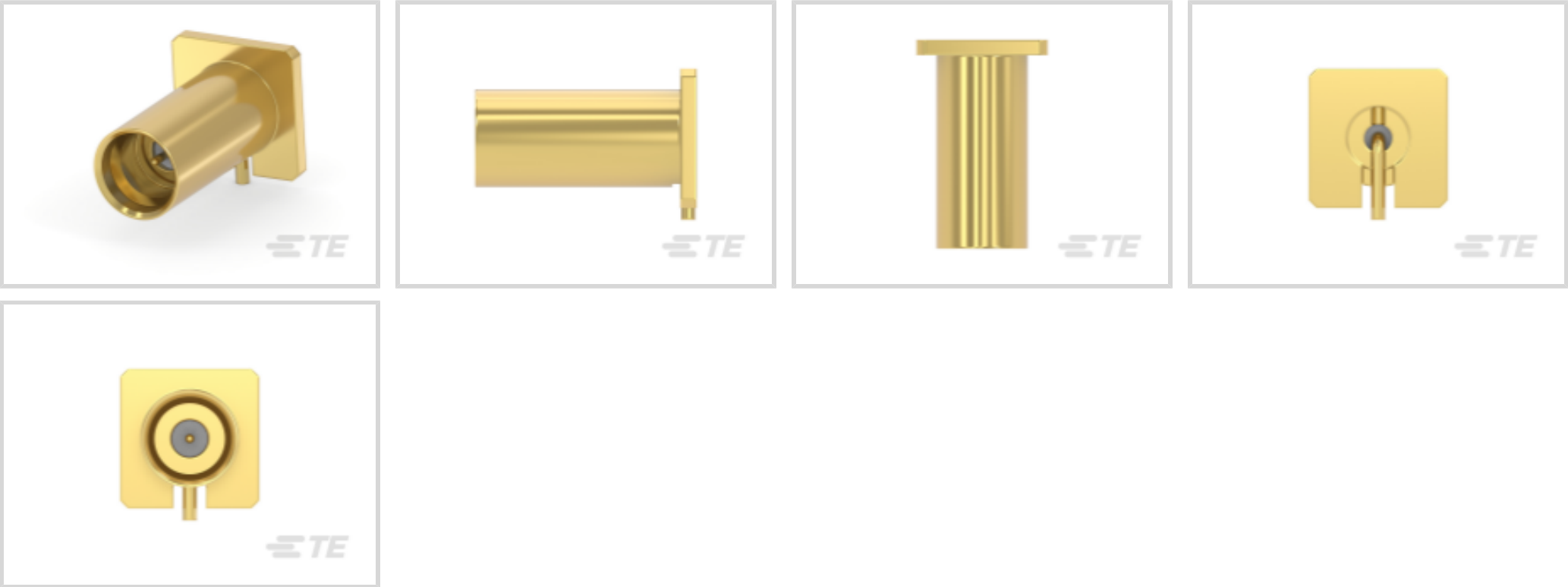




TE Internal #: 2406830-1
SMP RF Interface, Plug, 50 Ω , Push-On, 0 – 18 GHz Operating
Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, -65 –
165 °C [-85 – 329 °F]
[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMP**
RF Connector Style: **Plug**
RF Connector Mated Outer Diameter (Approximate): **10.28 mm [.315 in]**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Push-On**

Features

Product Type Features

RF Interface	SMP
RF Connector Style	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Underplating Material	Copper
Body Material	Brass
Body Material Finish	Plated



Body Plating Material	Gold
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Contact Features

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
RF Contact Captivation Method	Mechanical
Detent	With

Dimensions

Profile Height from PCB	9.53 mm[.375 in]
RF Connector Mated Outer Diameter (Approximate)	10.28 mm[.315 in]

Usage Conditions

Operating Temperature Range	-65 – 165 °C[-85 – 329 °F]
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Operation/Application

Circuit Application	Signal
Operating Frequency	0 – 18 GHz

Packaging Features

Packaging Method	Tray
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Other

Dielectric Material	PEEK
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold:



Pb (4.35% in Component Part)

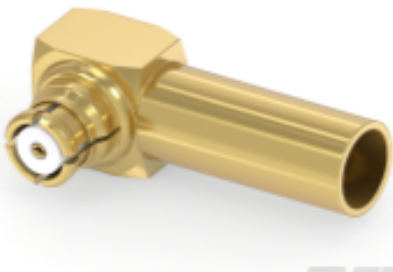
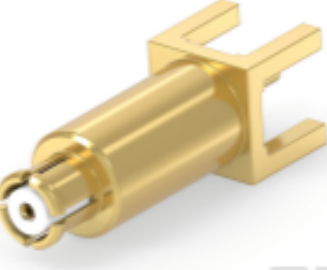
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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

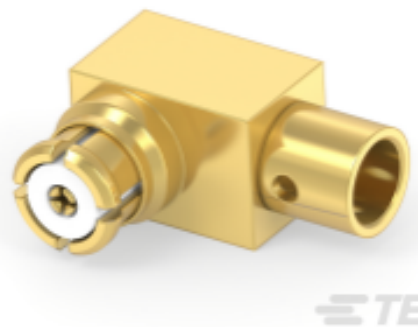
Product Compliance Disclaimer

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 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 # 2406829-1 ADAPTER, SMP BULKHEAD JACK TO SMP PLUG	 TE Part # 2406846-1 SMP JACK ST SOLDER FOR TFLEX-405 CABLE	 TE Part # 2406847-1 SMP JACK RA FOR LMR-100A CABLE	 TE Part # 2406848-1 SMP JACK FOR RG316, LMR-100A CABLE
 TE Part # 2406855-1 SMP JACK ST FOR FLEX-405 CABLE	 TE Part # 2406857-1 SMP JACK ST PCB MOUNT	 TE Part # 2406863-1 SMP JACK ST SOLDER FOR PT-FLEX-047 CABLE	 TE Part # 2406865-1 SMP JACK ST FOR TFLEX-402, .141 CABLE





TE Part # 2406869-1
SMP JACK RA FOR TFLEX-405 CABLE

TE Part # 2406843-1
SMP JACK ST SOLDER FOR TFLEX-405 CABLE

TE Part # 2406850-1
SMP JACK ST FOR FLEX-405 CABLE

TE Part # 2406864-1
SMP JACK ST FOR TFLEX-402, .141 CABLE

Customers Also Bought



TE Part #1879233-7
SMW5 R18 5%



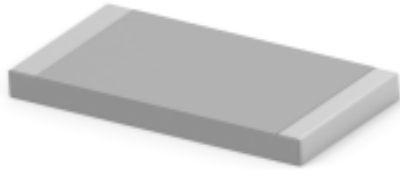
TE Part #87224-3
03 MODII HDR SRST UNSHRD .100



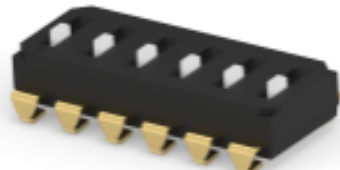
TE Part #1241152-6
6P HV100 REC. CON, SMD, GOLD, BLISTER



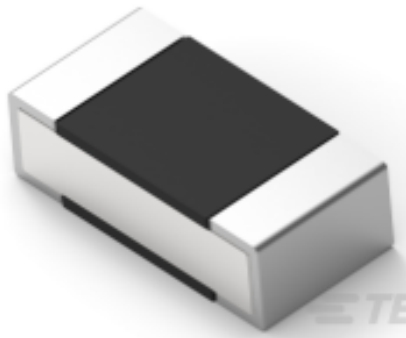
TE Part #1241152-5
5P HV100 REC. CON, SMD, GOLD, BLISTER



TE Part #2-2176331-6
CRGP 2512 1K2 1%



TE Part #3-2319847-7
END STACK DIP 6P J RAISED T&R



TE Part #7-2176304-8
RP 1E 0.1W 63R4 0.1% 25PPM 5K RL



TE Part #9-1437514-0
8134-HC-5P3LF=PB FREE HOLTITE



TE Part #6-1437514-7
8134-HC-5P3=CONTACT,T/L PLT. 3



TE Part #CONSMA002-SMD-G
SMA Jack 50 Ohm PCB Surface Mount

Documents

Product Drawings

SMP PLUG RA FOR PCB SMT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2406830-1_1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2406830-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2406830-1_1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1307191 RF Coax Products Catalog](#)

English

Product Specifications

[Product Specification](#)

English