CONSMB012-G ✔ ACTIVE

TE Internal #: CONSMB012-G

SMB RF Interface, Plug, 50 Ω, RG 316 / RG 174, Snap-On, 12 GHz
Operating Frequency, 1 Position, Wire & Cable, Cable Mount (Free-
Hanging)

View on TE.com >

Connectors > RF Connectors > Coax Connectors

RF Interface: **SMB**

RF Connector Style: **Plug**

Impedance: **50 Ω**

Compatible With RF Cable Type: **RG 174, RG 316**

RF Connector Coupling Mechanism: **Snap-On**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMB
RF Connector Style	Plug
Compatible With RF Cable Type	RG 174, RG 316
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

Cable Connector Orientation	Right Angle
Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

Ferrule Plating Material	Gold

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

RF Connector Coupling Mechanism	Snap-On
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Usage Conditions

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

Operation/Application

Operating Frequency	12 GHz
Circuit Application	Signal

Packaging Features

Packaging Quantity	50
Packaging Method	Bag

Other

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	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 2023 (235) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

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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 # CONSMB001-G
SMB Jack 50 Ohm PCB Through Hole

TE Part # CONSMB001-SMD-G
SMB Jack 50 Ohm PCB Surface Mount

TE Part # CONSMB002-G
SMB Jack 50 Ohm PCB Through Hole

TE Part # L9000282-01
SMB Jack .062 PCB Edge Mount

TE Part # CONSMB006-G
SMB Plug 50 Ohm PCB Through Hole

Customers Also Bought
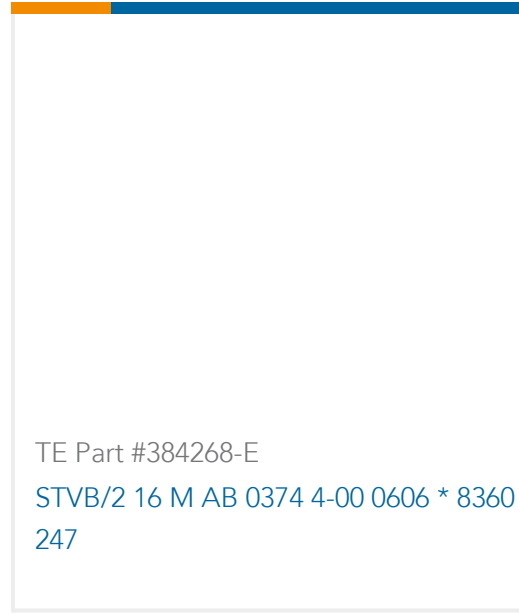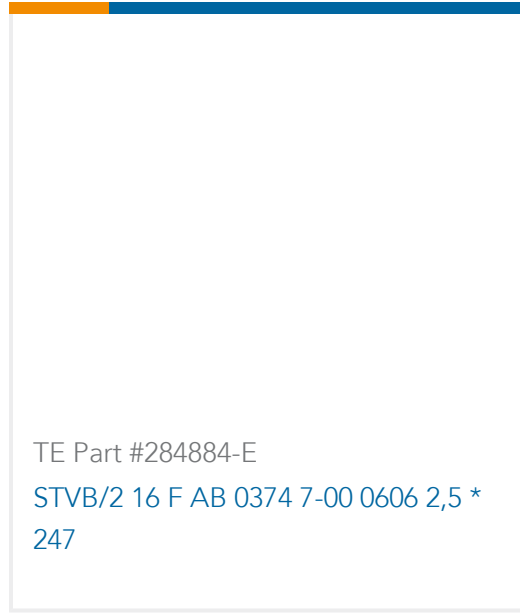
TE Part #1571999-1
ADP0204=PIANO DIP SWITCH

TE Part #1-1546670-0
10P.437" DR BARRIER,W/BND SCRW

TE Part #4-1423675-0
W57-XB1A4A10-20=CKTBKR,THERM,P

TE Part #235230-E
M12 M 4 A L90H T * 301 * 188 * * Y * 000

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TE Part #CONSMB007-G
SMB Plug 50 Ohm Cable Crimp

TE Part #G-MRCO-001
KMY20M FIELD SENSOR W BIAS MAGNET

TE Part #284884-E
STVB/2 16 F AB 0374 7-00 0606 2,5 * 247

TE Part #384268-E
STVB/2 16 M AB 0374 4-00 0606 * 8360 247

TE Part #OTX-433-HH-KF5-MS
Remote MS 433MHz OOK AM 5Btn KF TX EU

Documents

Datasheets & Catalog Pages
SMB Plug Cable-Mount Connector

English