



Connectors > RF & Coax Connectors > RF Adapters > In-Series Adapters



RF Connector Type: **OSM**

Body Style: **Straight**

RF Connector Center Contact Material: **Beryllium Copper**

RF Connector Center Contact Plating Material: **Gold over Copper**

Impedance: **50 Ω**

Features

Product Type Features

Isolated Ground	No
RF Connector Type	OSM
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
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Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Insulation	Without
Body Plating Finish	Passivated
Body Material	Stainless Steel
Body Style	Straight

Contact Features

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

Mechanical Attachment

Connector Mounting Type	Bulkhead
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Dimensions

Length	22.2 mm[.874 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Bag
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Other

Coupling Nut Plating Finish	Passivated
Gasket Material	Silicone Rubber

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	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 SMA



Battery Holders(1)



Between Series Adapters(4)



Coax Contacts(1)



Coax Terminators(1)



In-Series Adapters(36)



Power Cable Assemblies(1)



Rack & Panel Ferrules & Inserts(1)



RF Cable Assemblies(20)



RF Connector Hardware(3)



RF Connector Launchers (14)

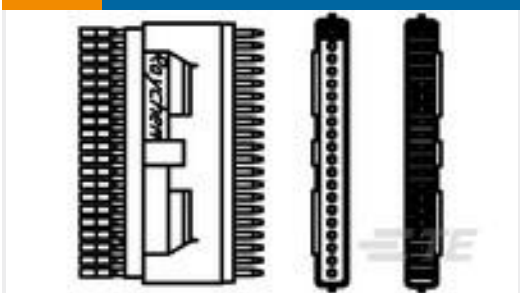


RF Connector Shrouds(10)

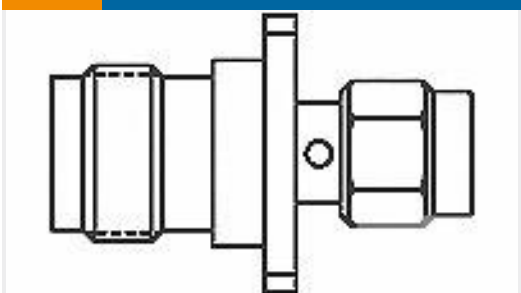


RF Connectors(532)

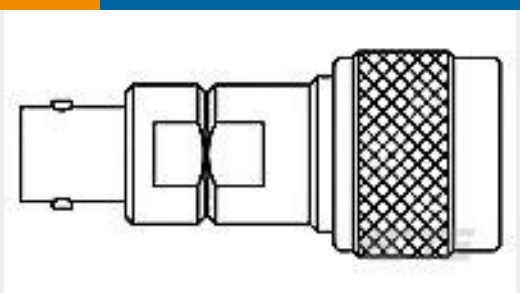
Customers Also Bought



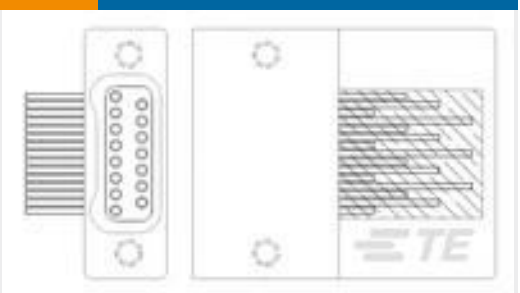
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MTC50-YB2-016



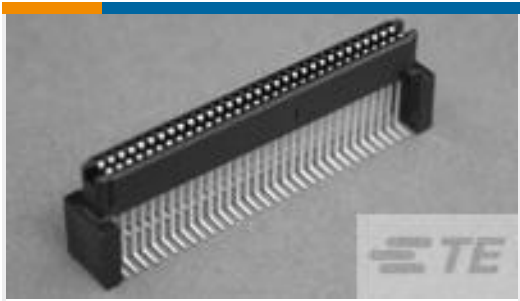
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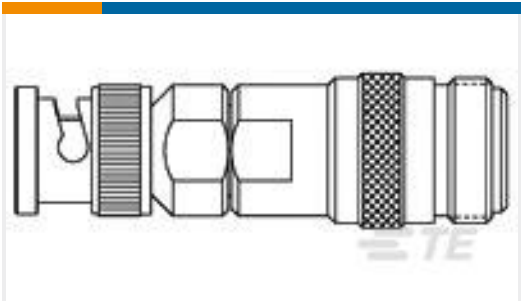
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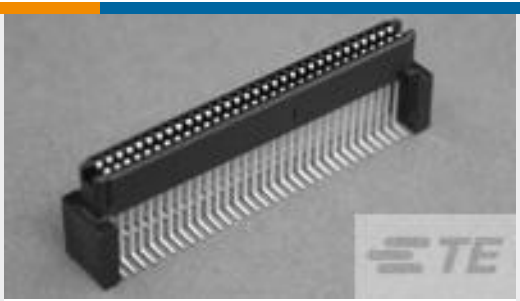
TE Part #2-1589487-8
STM015M6SN = THRU-HOLE



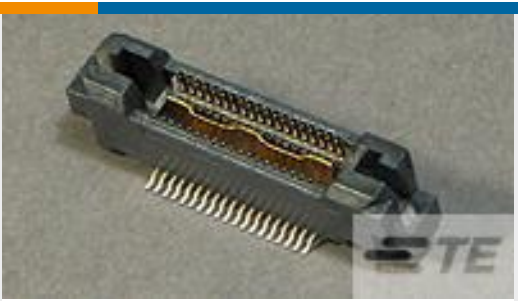
TE Part #1-120531-1
[1FHR,64,50A/P,N,C,S14,15](#)



TE Part #1057392-1
[3082 2321 00](#)



TE Part #120531-1
[1FHR,64,30A/P,N,C,S14,15](#)



TE Part #767007-8
[MICT,260PLUG,38,ASSY,.025,REC](#)

Documents

Product Drawings

[2081 1900 02](#)

English

Product Environmental Compliance

[REACH Substance Communication Document](#)

English