

1052508-1

X OBSOLETE

AMP | SMA

TE Internal #: 1052508-1

TE Internal Description: 2052 1131 00

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors



RF Interface: SMA

RF Connector Style: Jack

RF Connector Mated Outer Diameter (Approximate): 8.99 mm [.354 in]

Impedance: 50 Ω

RF Connector Coupling Mechanism: Threaded

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

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

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Stainless Steel
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Contact Configuration	Captivated Contacts
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to PCB

Through Hole - Solder

Mechanical Attachment

Panel Mount Feature Type

Flange

Panel Attachment Style

Front Mount

RF Connector Coupling Mechanism

Threaded

Connector Mounting Type

Panel Mount

RF Contact Captivation Method

Epoxy

Dimensions

Product Length

9.53 mm[.375 in]

RF Connector Mated Outer Diameter (Approximate)

8.99 mm[.354 in]

Usage Conditions

Operating Temperature Range

-65 – 125 °C[-85 – 257 °F]

Operation/Application

Operating Frequency

18 GHz

Packaging Features

Packaging Method

Carton

Other

Number of Panel Mounting Holes

4

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

Out of Scope

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: JAN 2023
(233)

SVHC > Threshold:

Pb (.6% 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

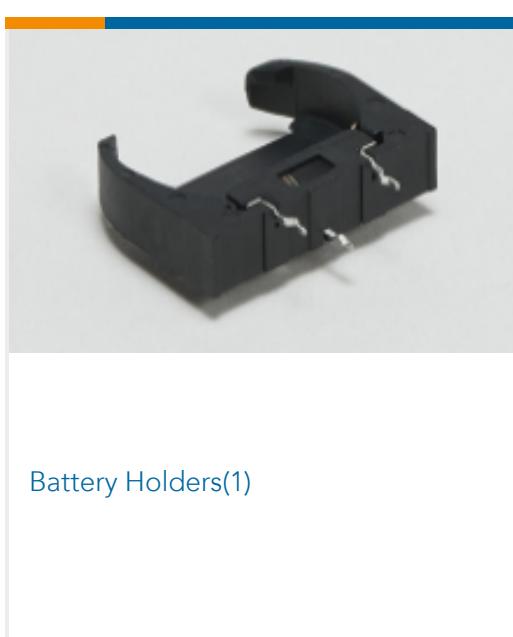
/CFR/PVC Free

Solder Process Capability

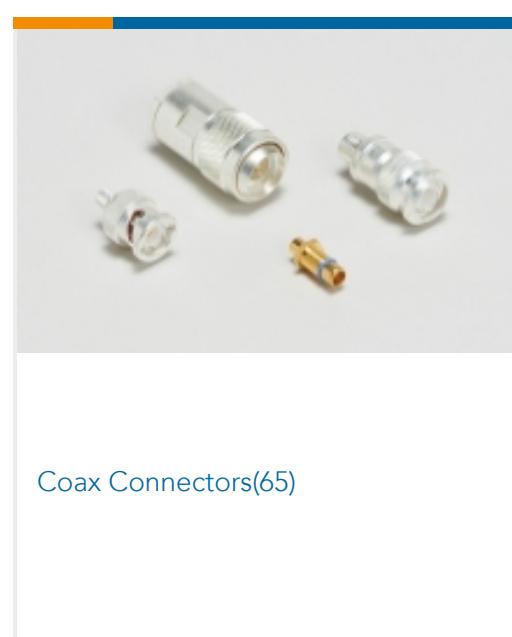
Pin-in-Paste capable to 260°C

Product Compliance Disclaimer

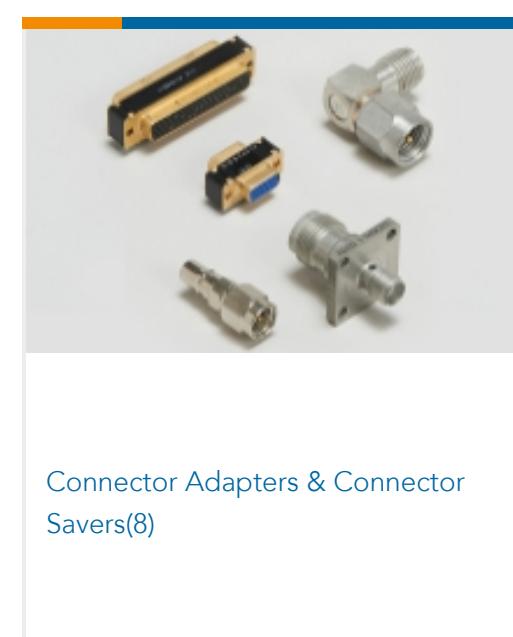
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Also in the Series | **SMA**

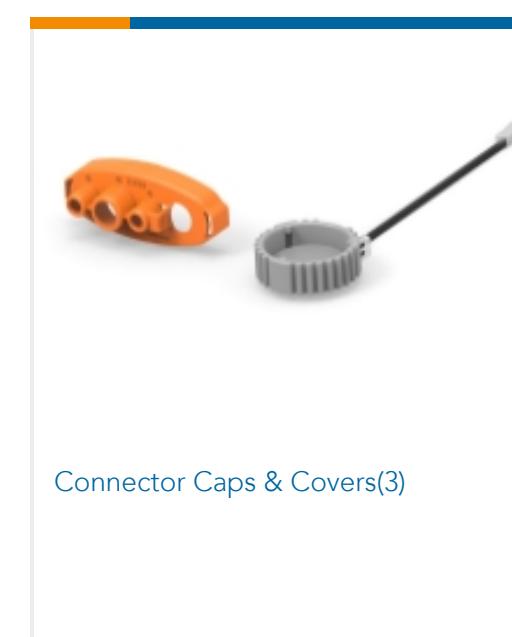
Battery Holders(1)



Coax Connectors(65)



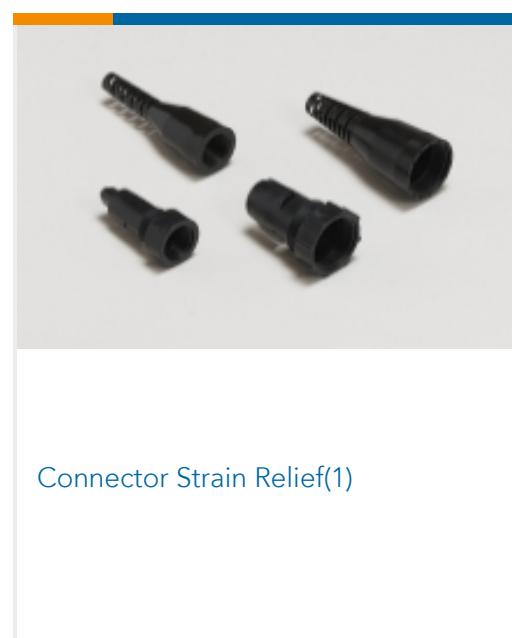
Connector Adapters & Connector Savers(8)



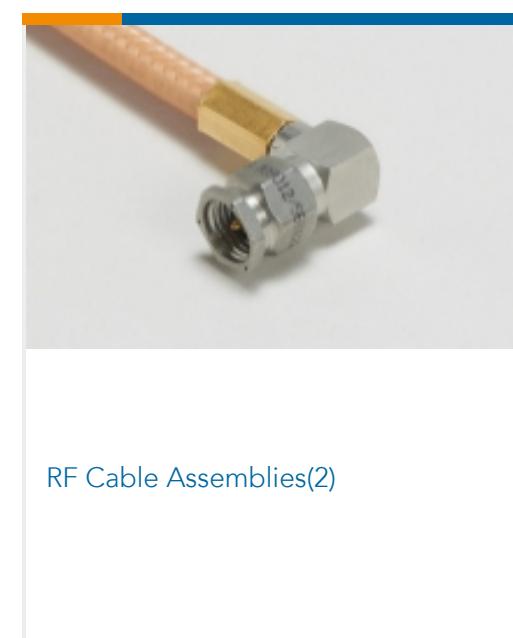
Connector Caps & Covers(3)



Connector Hardware(2)

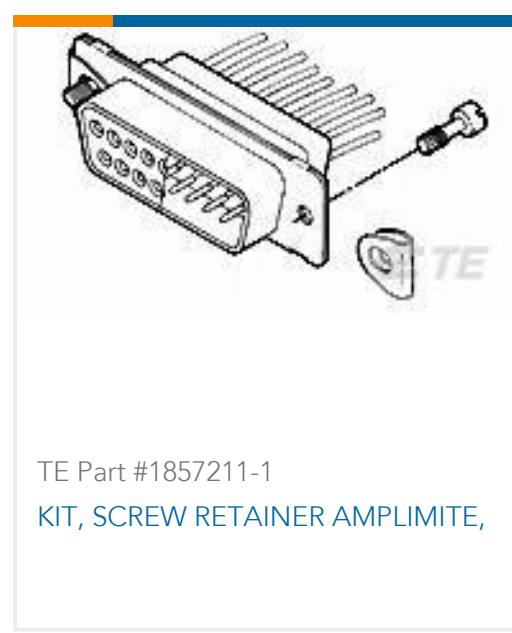


Connector Strain Relief(1)



RF Cable Assemblies(2)

Customers Also Bought

TE Part #167292-1
09P.HDP20 PLUG ASSYTE Part #1857211-1
KIT, SCREW RETAINER AMPLIMITE,TE Part #165034
PIDG RING 12-10 1/4TE Part #YDTS26F25-35SNC001
PLUG ASSY

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Documents

Product Drawings

[2052 1131 00](#)

English