



LEAD-FREE SMA CONNECTORS

In a continuing effort to meet market demand, TE Connectivity (TE) introduces lead-free SMA connectors to the product portfolio. RoHS compliant without exemptions, these connectors are part of the complete line of TE's RF products that have been widely used by the electronics industry.

SMA connectors are widely used in the electronics industry due to their reliability, performance, and compact size. They provide a robust solution for RF connections in many applications, from consumer electronics to professional test equipment.

APPLICATIONS

- Internet of Things (IoT)
- Antenna connections
- Communications systems
- Wireless routers
- Private cellular networks
- Smart device infrastructure
- Test and measurement equipment

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PRODUCT FACTS

- Lead-free design - RoHS compliant without exemptions
- Jacks - Surface mount and through hole PCB mount options
- Plugs - Cable mount compatible with various cable types
- Excellent electrical performance at high frequencies
- Good shielding against electromagnetic interference
- Up to 18 GHz operating frequency
- 50 Ω impedance

LEAD-FREE SMA CONNECTORS

PART NUMBERS

| Part Number | Part Description |
|---------------------------|---|
| 2508799-1 | SMA Jack Straight Thru Hole Lead-Free 18 GHz |
| 2508823-1 | SMA Jack Straight Surface Mount Lead-Free 18 GHz |
| 2508856-1 | SMA Jack Right Angle Surface Mount Lead-Free 18 GHz |
| 2508872-1 | SMA Plug Straight Crimp RG-174, 316 Lead-Free 8 GHz |
| 2508873-1 | SMA Plug Straight Crimp RG-58, 141 Lead-Free 8 GHz |
| 2508876-1 | SMA Plug Straight Crimp RG-178, 196 Lead-Free 8 GHz |
| 2508879-1 | SMA Jack Edge Mount for .062" PCB Lead-Free 18 GHz |
| 2508901-1 | SMA Jack Edge Mount for .042" PCB Lead-Free 18 GHz |
| 2508902-1 | SMA Jack Edge Mount for .031" PCB Lead-Free 18 GHz |
| 2508903-1 | SMA Jack Straight SMD Pin Lead-Free 18 GHz |
| 2508904-1 | SMA Jack Right Angle Thru Hole Lead-Free 18 GHz |
| 2508905-1 | SMA Jack Right Angle SMD Pin Lead-Free 18 GHz |
| 2508906-1 | SMA Plug Straight Crimp RG-55, 142 Lead-Free 12.4 GHz |

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