

ICS 33.120.30
CCS L 23



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 11313.18-2013

Replacing GB/T 15889-1995

**Radio-frequency connectors -- Part 18: Sectional specification
-- Radio frequency coaxial connectors of type SSMA**

射频连接器 第18部分：SSMA系列射频同轴连接器分规范

(English Translation)

Issued on: January 1, 1970

Implemented on: January 1, 1970

Issued by: Standardization Administration of China

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Foreword

GB/T 11313 "RF connector" is divided into the following sections.

Part 1. Generic specification and test methods - General requirements;

Part 2. 9.52 RF coaxial connector standard;

Part 18. SSMA series coaxial connector specification;

This section GB/T 11313 Part 18.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This Part replaces GB/T 15889-1995 "SSMA RF coaxial connectors." this section compared with the GB/T 15889-1995, the main technical changes are as follows.

--- Remove the "model name", "type A Summary," "Dimension" and "signs, packaging, transport and storage" (see GB/T 15889-1.3,3.1.4,3.1.5 and Chapter 5, 1995).

--- The corresponding increase ratings and characteristics (see 4.2).

--- Added "5 develop detailed specifications Guide" (see Chapter 5).

--- Increasing the "SSMA series connector Blank Detail Specification Format" (see 5.7) this section uses the translation method identical with IEC 61169-18:2011 "radio frequency connectors - Part 19. SSMA series RF coaxial even Connector specification. " this part of IEC 61169-18:2011 was also editorial changes.

--- IEC 61169-18 Figure 4 dimension "d" appears two, where one mistake corrected to "e" (see Figure 4).

--- IEC 61169-18 in the "Detail Specification 5.2 Identification" lack of 1-4, this part of the increase, while the number Terms phases it should change (see 5.2,5.3,5.4,5.5,5.6,5.7).

--- Missing to IEC Discharge Test "(9) Performance" Blank table 61169-18, the connection torque of the connection means strength, impact, test Project, part of this increase (see (9) performance).

Please note that some of the content of this section may involve patents. This part of the release mechanism does not assume the responsibility to identify these patents.

This part is proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This section is under the jurisdiction of the National electronic equipment with a high-frequency cables and connectors Standardization Technical Committee (SAC/TC190).

This section is drafted. Shaanxi Huada Technology Co., Ltd., China Electronics Standardization Institute.

1 Scope

GB/T 11313 provisions of this part of the Level 1 high-performance connectivity and 0 standard test connector mating interface dimensions, standard gauge inspection all test requirements, rating and characteristics of the product and the series of connectors from GB/T 11313.1-2013 selected applies to SSMA Detailed specification of the test schedule and inspection requirements.

This section applies to SSMA series RF coaxial connector which has a nominal impedance of 50ohm for mating RF cable or microstrip, such a connector upper frequency of 35GHz. Connecting thread is 10-36UNS thread.

This section provides the development SSMA series RF coaxial connectors detailed specification and content rules, and blank detail specification format.

This section provides the recommended performance characteristics when preparing a detailed specification should be considered, including the M-Class and H-level assessment level List of test and inspection requirements.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 11313.1-2013 RF connectors - Part 1. Generic specification - General requirements and test methods (IEC 61169-1.

1998, IDT)

3.1 High-performance connector (1)

This section does not note the size of all graphical structure for reference only.