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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 11313.15-2018

Radio frequency connectors -- Part 15: R. F. coaxial connectors with inner diameter of outer conductor 4.13 mm (0.163 in), characteristic impedance 50 ohms, screw coupling (Type SMA)

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Foreword

GB/T 11313 "RF Connector" has or plans to issue the following parts.

--- Part 1. General specifications General requirements and test methods;

--- Part 2. Sectional specification for Type 9.52 RF coaxial connectors;

--- Part 3. Sectional specification for double-pin connector for double balanced antenna feeders;

--- Part 4. The inner diameter of the outer conductor is 16mm (0.63in), the characteristic impedance is 50ohm, and the RF coaxial connector (7-16 type) is screwed;

-- Part 5 . Sectional specification for RF coaxial connectors for mating with 60096 IEC 50-17 and larger ;

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Connector (BNC type) sectional specification;

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--- Part 10. SMB Series RF Coaxial Connectors Sectional Specification;

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--- Part 49. Sectional specification for SMAA series RF coaxial connectors;

-- Part 101 . Sectional specification for MMCX series RF coaxial connectors .

This part is Part 15 of GB/T 11313.

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

This section uses the redrafted law reference IEC 60169-15.1979 "RF Connector Part 15. The outer diameter of the outer conductor is 4.13mm

(0.163in), Characteristic impedance 50W, Threaded RF Coaxial Connectors (SMA Type), compiled with IEC 60169-15.1979

The degree of consanguinity is non-equivalent.

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

This part is under the jurisdiction of the National Standardization Technical Committee for High Frequency Cables and Connectors for Electronic Equipment (SAC/TC190).

This section was drafted by. Zhenjiang Blue Arrow Electronics Co., Ltd., China Electronics Standardization Institute.

1 Scope

This part of GB/T 11313 specifies the dimensions of the mating interface for class 2 universal connectors and the detailed dimensions of class 0 standard test connectors.

And detailed specifications for all detailed specifications of SMA type RF coaxial connectors selected from GB/T 11313.1-2013

Summation test procedure.

This section also specifies the recommended ratings and characteristics that should be considered in the preparation of detailed specifications, and specifies the applicable to M-level and H-level assessments

Graded test schedules and inspection requirements, as well as content and rules for the detailed specification of SMA type RF coaxial connectors, and detailed specifications

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This section applies to the outer conductor inner diameter of 4.13mm (0.163in), characteristic impedance of 50ohm, operating frequency of 18GHz thread