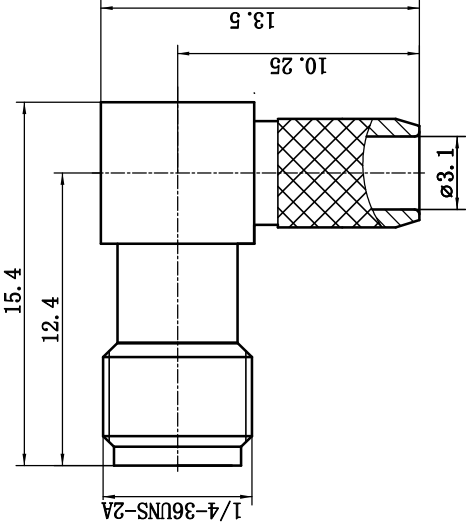


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REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	—	T. Haiyun	23/5/14	23/5/14



1 Electrical Performance

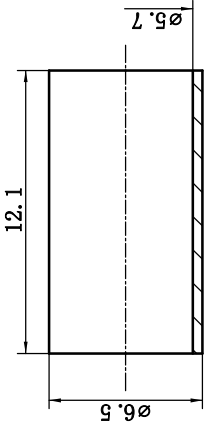
- 1.1 Impedance characteristic: 50 Ω
- 1.2 Frequency range: DC ~ 12.4 GHz
- 1.3 VSWR voltage standing wave ratio: ≤ 1.25 @ 6 GHz
- 1.4 Insertion Loss (dB): ≤ 0.05 x Sqrt. (f, GHz)
- 1.5 Insulation resistance: ≥ 5000 MΩ
- 1.6 Dielectric withstanding voltage: 1000 V

2 Environmental & Mechanical Performance

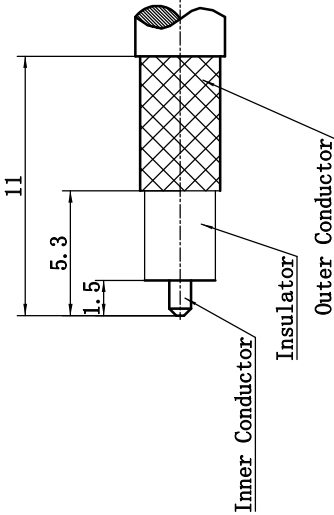
- 2.1 Temperature range: -55°C ~ +125°C
- 2.2 RoHS Compliant: Yes
- 2.3 Durability: > 500 cycles

3 Materials & Finish

- 3.1 Body: Brass, Gold Plated
- 3.2 Insulator: Teflon
- 3.3 Contact Pin: Brass, Gold Plated
- 3.4 Coupling Nut: Brass, Gold Plated



Recommended cable stripping dimensions



Notes:

- 1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
- 2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: T. Haiyun 25/5/14	TITLE: RF Coaxial Connector	
ENGINEER: C. Tao 25/5/14	SMA Female R/A Conn. for LMR200/RG58/LMR195 Cable	
APPROVED: W. Qiang 25/5/14	www.rf-connectors-china.com	
TOLERANCES UNLESS OTHERWISE SPECIFIED	DIMENSION IN MILLIMETERS (mm)	
X ±0.50	SCALE: A4	
.X ±0.20	SIZE: N/A	
.XX ±0.10	SHEET: 1/1	
ANGLES ±1°	REV: A	
PART NO: SMA-KW5Y	4	