

This document contains proprietary information and such information may not be disclosed to others for any purposes,  
not used for sales/marketing/procurement purposes without written permission

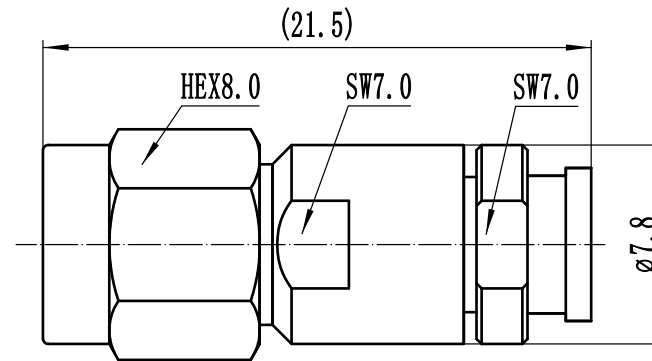
| REV | DESCRIPTION OF REVISION | TRL NO. | BY        | DATE       | APPROVED   |
|-----|-------------------------|---------|-----------|------------|------------|
| A   | Initial Release         | —       | T. Shihua | 29/03/2022 | 29/03/2022 |

## 1 Electrical

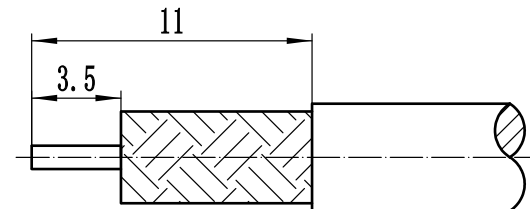
- 1.1 Impedance:  $50\ \Omega$
- 1.2 Frequency: DC~18GHz
- 1.3 VSWR:  $\leq 1.30$
- 1.4 Insulation resistance:  $\geq 5000M\ \Omega$
- 1.5 Dielectric strength: 1000V
- 1.6 Contact resistance
  - Center contact  $\leq 3.0M\ \Omega$
  - Outer contact  $\leq 2.0M\ \Omega$

## 2 Materials&Finish

- 2.1 Inner Contact: Brass, Gold plated
- 2.2 Outer Contact: Stainless steel, Passivated
- 2.3 Insulators: PTFE



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. Shihua 29/03/2022                                                                                      | TITLE<br><br>RF Coaxial Connector<br><br>SMA Male For .141 Cable | <br>www.rf-connector-china.com |              |            |         |
| ENGINEER: C. Tao 29/03/2022                                                                                      |                                                                  |  DIMENSION IN MILLIMETERS (mm) |              |            |         |
| APPROVED: W. Qiang 29/03/2022                                                                                    |                                                                  | SIZE: A4                                                                                                            | SCALE: 3.5:1 | SHEET: 1/1 | REV: VA |
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>X $\pm 0.50$<br>.X $\pm 0.20$<br>.XX $\pm 0.10$<br>ANGLES $\pm 1^\circ$ | PART NO: SMA-JB141AG-FA                                          |                                                                                                                     |              |            |         |