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1 Electrical 电气性能

- 1.1 Impedance 特性阻抗: 50  $\Omega$
- 1.2 Frequency 频率范围: DC~6.0GHz
- 1.3 VSWR 电压驻波比:  $\leq 1.25$
- 1.4 Insertion Loss (dB):  $\leq 0.05$  x Sq. (f\_GHz)
- 1.5 Insulation resistance 绝缘电阻:  $\geq 5000M\Omega$
- 1.6 Dielectric withstanding voltage 介质耐压: 1000V

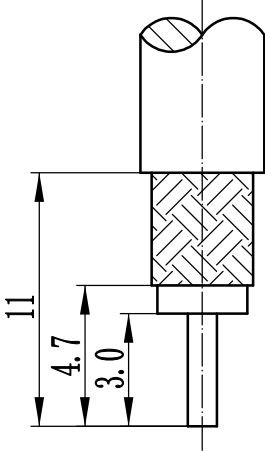
2 Environmental & Mechanical 环境 & 机械性能

- 2.1 Temperature range 温度范围: -55 $^{\circ}$ C~+125 $^{\circ}$ C
- 2.2 RoHS Compliant 符合 RoHS
- 2.3 Durability 寿命: >500 cycles (次)

3 Materials & Finish 材料及表面处理

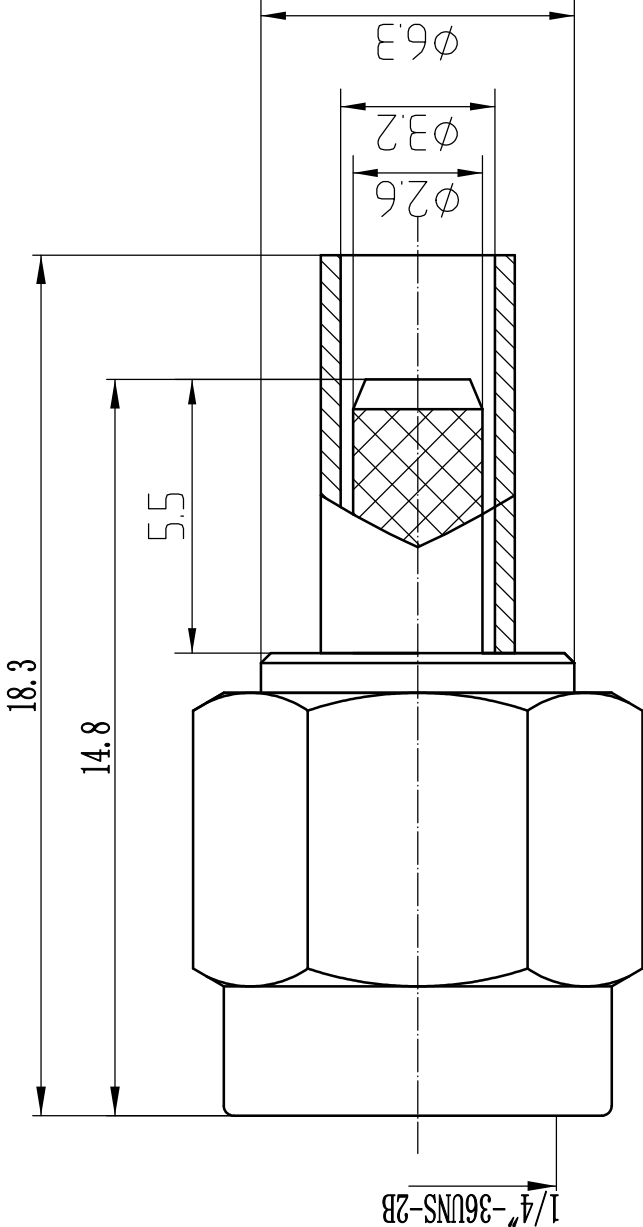
- 3.1 Body 外壳: Brass, Gold Plated 黄铜, 镀金
- 3.2 Insulator 绝缘介质: Teflon 聚四氟乙烯
- 3.3 Contact Pin 中心导体: Brass, Gold Plated 黄铜, 镀金
- 3.4 Coupling Nut 连接螺母: Brass, Gold Plated 黄铜, 镀金
- 3.5 Crimp Ferrul 压接管: Brass, Nickel Plated 黄铜, 镀镍

Recommended Mounting Hole



Notes:

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



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TOLERANCES UNLESS OTHERWISE SPECIFIED

X  $\pm 0.50$

.X  $\pm 0.20$

.XX  $\pm 0.10$

ANGLES  $\neq 90^{\circ}$

TITLE:

RF Coaxial Connector

SMA Male Str. Conn. for  
RG174/RG316/LMR100 Cable

PART NO: SMA-J3F



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DIMENSION IN MILLIMETERS (mm)

SIZE: A4

SCALE: N/A

SHEET: 1/1

REV: A