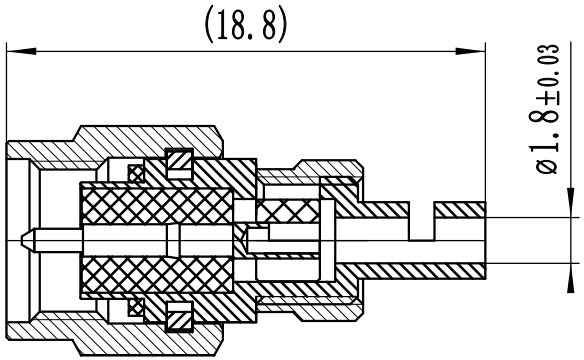
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REV	DESCRIPTION OF REVISION	TRL NO.	BY	DATE	APPROVED
A	Initial Release	———	T.Shihua	04/03/2022	04/03/2022

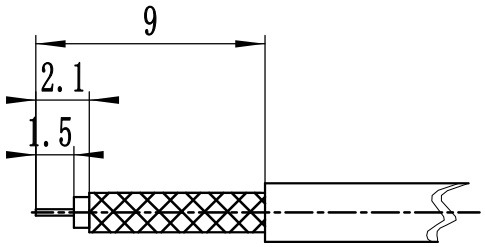
1 Electrical电气性能
1.1 Impedance特性阻抗：50Ω
1.2 Frequency频率范围：DC～6GHz
1.3 VSWR电压驻波比:≤1.20@3GHz
1.4 Insertion Loss(dB):≤0.05xSqt.(f_GHz)
1.5 Insulation resistance绝缘电阻：≥5000MΩ
1.6 Dielectric withstanding voltage介质耐压：1000V

2 Environmental&Mechanical环境&机械性能
2.1 Temperature range温度范围：-55℃～+125℃
2.2 RoHs Compliant 符合RoHs
2.3 Durability寿命：>500 cycles（次）

3 Materials&Finish材料&涂镀
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连接螺套：Brass,Gold Plated 黄铜,镀金
3.5 Gasket密封圈：Silicone Rubber 硅橡胶



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 13/06/2022	TITLE	
ENGINEER:	C.Tao 13/06/2022	RF Coaxial Connector	
APPROVED:	W.Qiang 13/06/2022	SMA Male Connector RG178	
TOLERANCES UNLESS OTHERWISE SPEFICIED		PART NO:	SMA-J2-1
X	±0.50	SIZE:	A4
.X	±0.20	SCALE:	3.5:1
.XX	±0.10	SHEET:	1/1
ANGLES	±1°	REV:	VA

www.rf-connector-china.com

DIMENSION IN MILLIMETERS (mm)