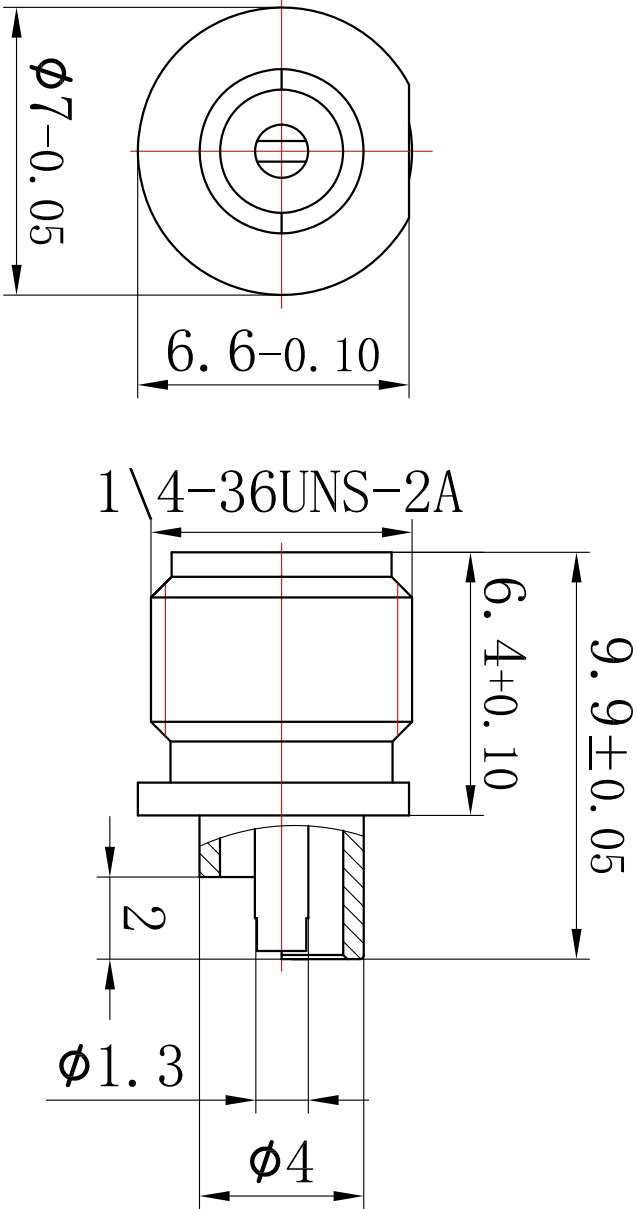



Reversion	Engineering Change Description	Date	Owner
A/0	NEW	2021.05.19	ZXM

Electrical performance		
Characteristic impedance		50 Ω
Frequency range		DC to 6 GHz
Standing wave ratio(VSWR)		≤1.20 (DC~6GHz)
withstand voltage		≤0.1 x √f (GHz) dB
working voltage		335 V rms
Test voltage		1000 V rms
Insulation resistance		≥5000M Ω
Center pin contact resistance		≤3m Ω
Conductor contact resistance		≤2.5m Ω
Center conductor retention force		≥0.28N
Intermodulation 3rd order		N\A
Mechanical and environment		
Temperture range		-40~+155℃
Salt spray test time		48H
Airtight		N\A
durability		≥500 cycles
Materials		
Connector parts	Material	Plating
Center contact	QBe	Au
Outer contact	brass	Au
Dielectric	PTFE	



STANDARD TOLERANCES (unless stated otherwise)		Product design		<div>  <div> 戴盛通信 Dashing Com-Tek Co., Ltd </div> </div>
Geometric tolerances	Positional tolerance	Design		
	X	.X	Drawn	
	0-6	±0.1	±0.05	

ANGLE ±1°	6-10	±0.1	±0.05	Workmanship	TITLE: SMA-50KD7
	10-30	±0.15	±0.10	Checked	
	>30	±0.15	±0.10	Approvals	

Any statements in this article shall not be interpreted as suggesting infringement of existing patents. Individual values may vary depending on factors including but not limited to application, design, cable type, assembly, and others workmanship	Scale:	As mension		Drawing No.: DS3. 650. 2402