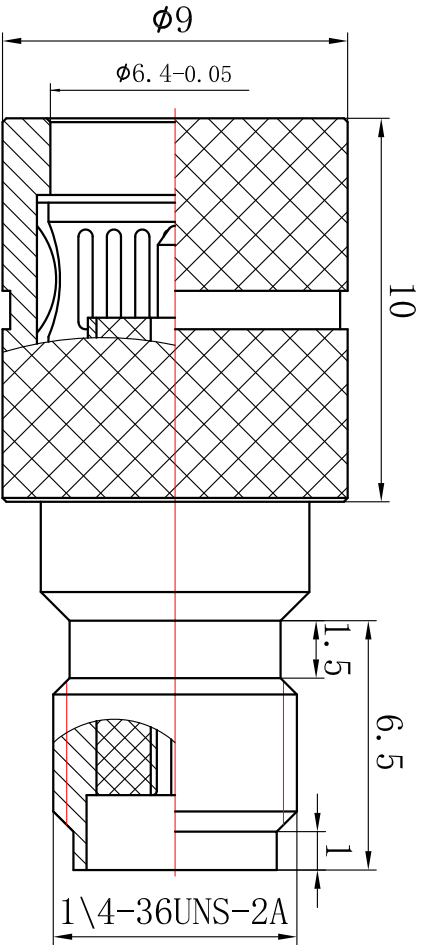


Reversion	Engineering Change Description	Date	Owner
A/0	NEW	2022.03.22	ZXM

Electrical performance		
Characteristic impedance		50 Ω
Frequency range		DC to 18 GHz
Standing wave ratio(VSWR)		≤1.2 (DC~18GHz)
withstand voltage		≤0.2dB@8G
working voltage		335 V rms
Test voltage		1000 V rms
Insulation resistance		≥5000MΩ
Center pin contact resistance		≤3mΩ
Conductor contact resistance		≤2.5mΩ
Center conductor retention force		≥0.28N
Intermodulation 3rd order		N/A

Mechanical and environment		
Temperature 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	
Elastic contact	QBe	Au
Sealing ring	Red silicone rubber	



CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	STANDARD TOLERANCES (Unless stated otherwise)			Product design		 戴盛通信 Dashing Com-Tek Co., Ltd
	Positional tolerance			Design		
	Geometric tolerances	X	.X	Drawn		

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	ANGLE $\pm 1^\circ$	0-6	± 0.1	± 0.05	Workmanship	TITLE: SMA-50 JKO Drawing No. : DS3.650.2582
		6-10	± 0.1	± 0.05	Checked	
		10-30	± 0.15	± 0.10	Approvals	
	Scale:	>30	± 0.15	± 0.10	As mension	