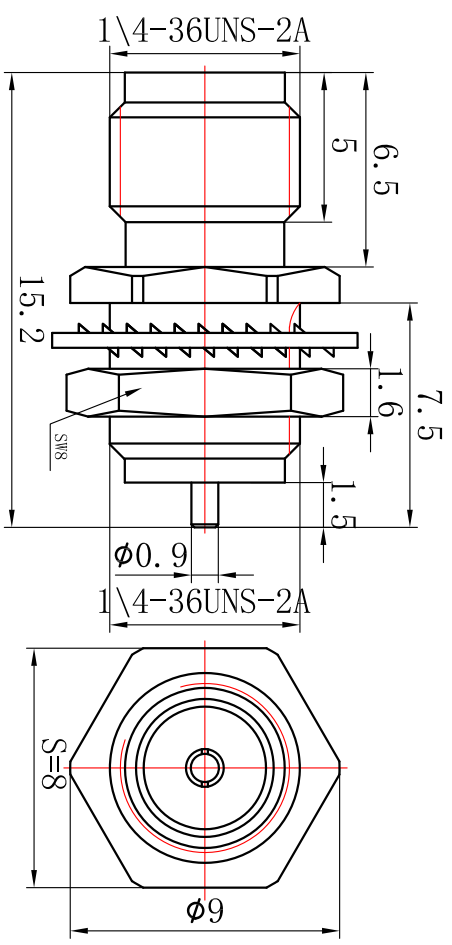


Revision	Engineering Change Description	Date	Owner
A/0	NEW	2017.08.04	ZXM

Electrical performance		
Characteristic impedance	50 Ω	
Frequency range	DC to 8 GHz	
Standing wave ratio (VSWR)	≤ 1.15 (DC~8GHz)	
withstand voltage	$\leq 0.1 \times \sqrt{f}$ (GHz) dB	
working voltage	335 V rms	
Test voltage	1000 V rms	
Insulation resistance	$\geq 5000M\Omega$	
Center pin contact resistance	$\leq 3m\Omega$	
Conductor contact resistance	$\leq 2.5m\Omega$	
Center conductor retention force	$\geq 0.28N$	
Intermodulation 3rd order	N/A	
Mechanical and environment		
Temperature range	-40~+155°C	
Salt spray test time	48H	
Airtight	N/A	
durability	≥ 500 cycles	
Materials		
Connector parts	Material	Plating
Center contact	bronze	Ag
Outer contact	brass	Au
Dielectric	PTFE	



CAD GENERATED DRAWING,
DO NOT MANUALLY UPDATE

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

STANDARD TOLERANCES (Unless stated otherwise)				Product design		
Geometric tolerances	Positional tolerance	X	.X	Design	Drawn	
		0-6	± 0.1	± 0.05	Workmanship	
		6-10	± 0.1	± 0.05	Checked	
		10-30	± 0.15	± 0.10	Approvals	
ANGLE $\pm 1^\circ$	>30	± 0.15	± 0.10	As mension		
Scale:						
TITLE: SMA-50KYD-2 Drawing No.: DS3.650.1533 Dashing 戴盛通信 Dashing Com-Tek Co., Ltd						
STANDARD TOLERANCES (Unless stated otherwise) Company website: http://www.dai.sheng.net / Email: ds168@dai.sheng.net						