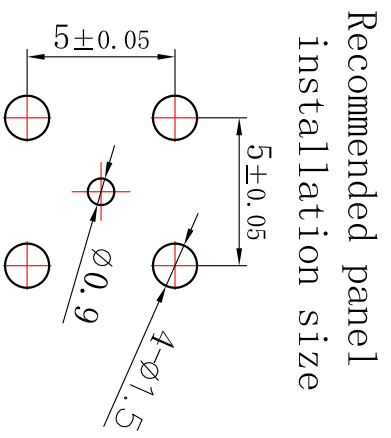
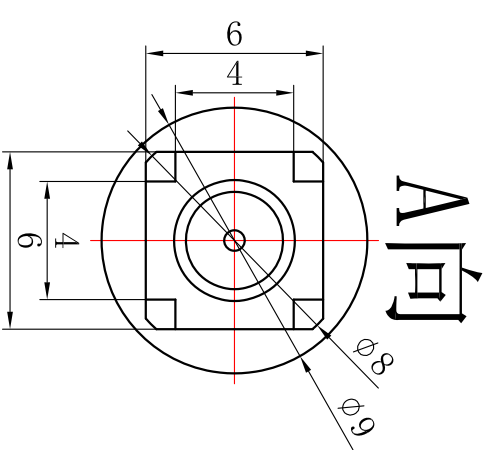
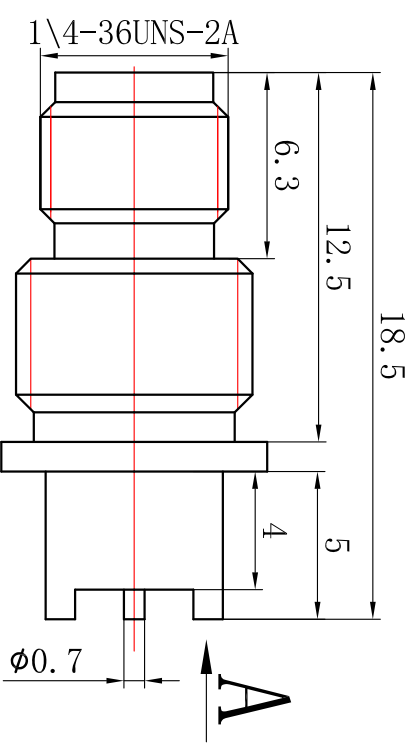


Reversion	Engineering	Change Description	Date	Owner
A/0		NEW	2018.08.13	ZXM

<b>Electrical performance</b>	
Characteristic impedance	50 Ω
Frequency range	DC to 8 GHz
Standing wave ratio(VSWR)	≤1.15 (DC~8GHz)
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

<b>Mechanical and environment</b>	
Temperature range	-40~+155°C
Salt spray test time	48H
Airtight	N/A
durability	≥500 cycles

<b>Materials</b>		
Connector parts	Material	Plating
Center contact	bronze	Au
Outer contact	brass	CuSnZn
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	Design	Drawn
		Workmanship	Checked
ANGLE ±1°	X	±0.05	±0.05
	.X	±0.05	±0.05
Scale:	0-6	±0.1	±0.05
	6-10	±0.1	±0.05
Scale:	10-30	±0.15	±0.10
	>30	±0.15	±0.10
As mension		Approvals	
As mension		Approvals	

**戴盛通信**  
Dashing Com-Tek Co., Ltd

TITLE: SMA-50KYHD-2

Drawing No.: DS3.650.1729

Company website: <http://www.dai.sheng.net> / Email: [ds168@dai.sheng.net](mailto:ds168@dai.sheng.net)