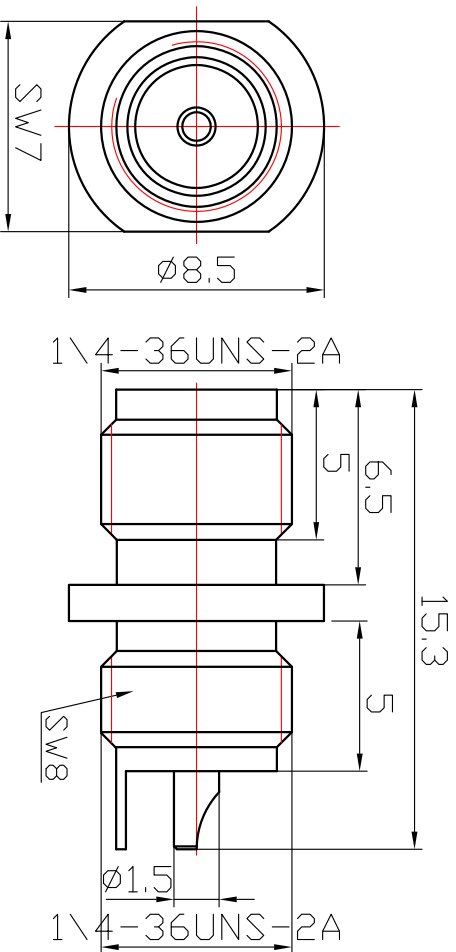


Revision	Engineering Change Description	Date	Owner
A/0	NEW	2021.09.20	ZXM

Electrical performance	
Characteristic impedance	50 Ω
Frequency range	DC to 8 GHz
Standing wave ratio (VSWR)	$\leq 1.15$ (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	$\geq 500$ cycles
Materials	
Connector parts	Material Plating
Center contact	QBe Ag
Outer contact	brass Au
Dielectric	PTFE



STANDARD TOLERANCES (Unless stated otherwise)

Geometric tolerances	Positional tolerance	
	X	.X
0-6	$\pm 0.1$	$\pm 0.05$
6-10	$\pm 0.1$	$\pm 0.05$
10-30	$\pm 0.15$	$\pm 0.10$
>30	$\pm 0.15$	$\pm 0.10$

Product design

Design	
Drawn	
Workmanship	
Checked	
Approvals	
As mension	



戴盛通信  
Dashing Com-Tek Co., Ltd

TITLE:  
SMA-50KYD-4

Drawing No. :  
DS3.650.2477

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

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