Reversion	Engineering Change Description	Date	Owner
A/0	NEW	2018.06.27	ZXM

Electrical performance

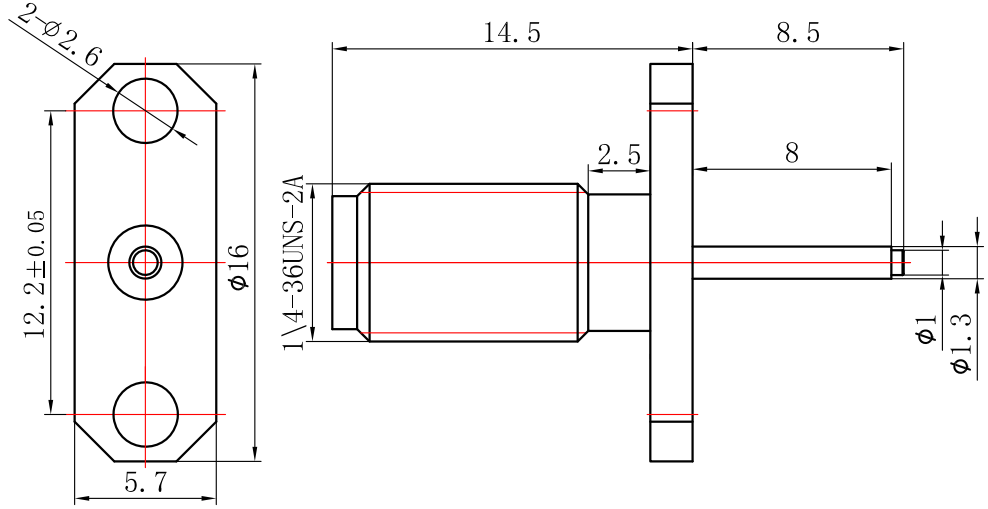
Characteristic impedance	50Ω
Frequency range	DC to 6 GHz
Standing wave ratio(VSWR)	≤1.20(DC～6GHz)
withstand voltage	≤0.1 x √f(GHz) dB
working voltage	335 V rms
Test voltage	1000 V rms
Insulation resistance	≥5000MΩ
Center pin contact resistance	≤3mΩ
Conductor contact resistance	≤2.5mΩ
Center conductor retention force	≥0.28N
Intermodulation 3rd order	N\A

Mechanical and environment

Tempreture range	-40～+155℃
Salt spray test time	48H
Airtight	N\A
durability	≥500 cycles

Materials

Connector parts	Material	Plating
Center contact	bronze	Au
Outer contact	brass	Au
Dielectric	PTFE	



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STANDARD TOLERANCES (Unless stated otherwise)

Geometric tolerances	Positional tolerance	X	.X
ANGLE ±1°	0-6	±0.1	±0.05
	6-10	±0.1	±0.05
	10-30	±0.15	±0.10
	>30	±0.15	±0.10
Scale:			

Product design	
Design	
Drawn	
Workmanship	
Checked	
Approvals	
As mension	

戴盛通信 Dashing Com-Tek Co., Ltd

TITLE: SMA-50KFDa-8-0.5

Drawing No.: DS3.650.1687

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