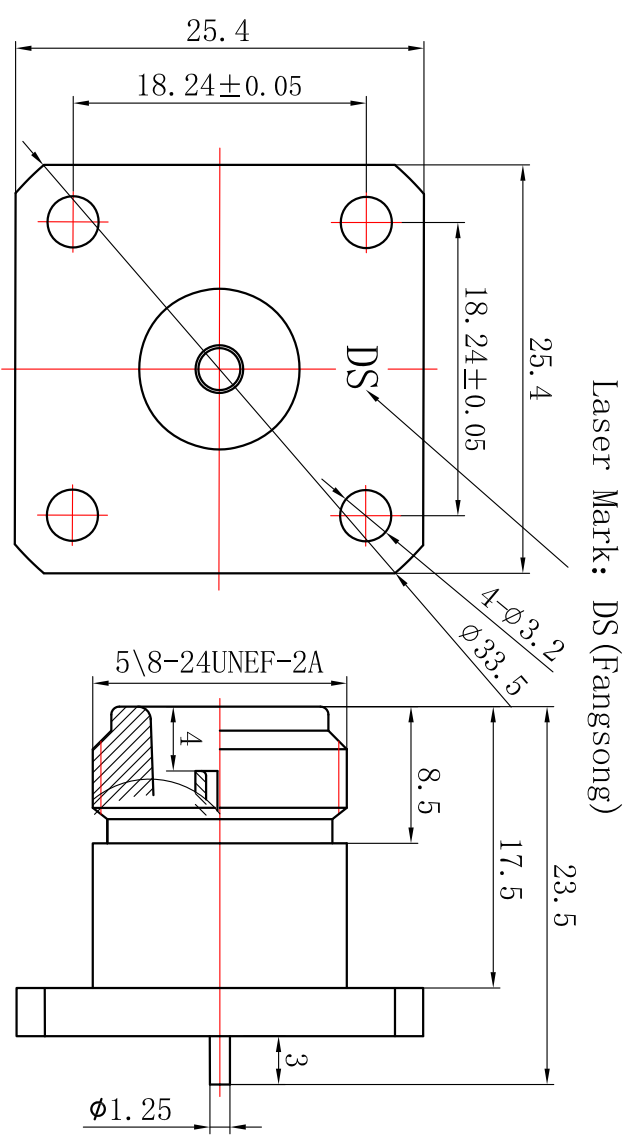


Reversion	Engineering Change Description	Date	Owner
A/0	NEW	2018.09.10	ZXM

Electrical performance	
Characteristic impedance	50 Ω
Frequency range	DC to 6 GHz
Standing wave ratio(VSWR)	≤ 1.15 (DC~6GHz)
withstand voltage	$\leq 0.1 \times \sqrt{f}$ (GHz) dB
working voltage	1000 V rms
Test voltage	2500 V rms
Insulation resistance	$\geq 5000M\Omega$
Center pin contact resistance	$\leq 1m\Omega$
Conductor contact resistance	$\leq 1m\Omega$
Center conductor retention force	$\geq 0.56N$
Intermodulation 3rd order	N/A

Mechanical and environment	
Temperature range	-40~+85°C
Salt spray test time	96H
Airtight	N/A
durability	≥ 500 cycles

Materials		
Connector parts	Material	Plating
Center contact	bronze	Au
Outer contact	brass	CuSnZn
Dielectric	PTFE	
Seal ring	Red silicone rubber	



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:				戴盛通信		
Drawing No.:				Dashing Com-Tek Co., Ltd		
DS3. 650. 1749				N-50KFD-3-1. 25		

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