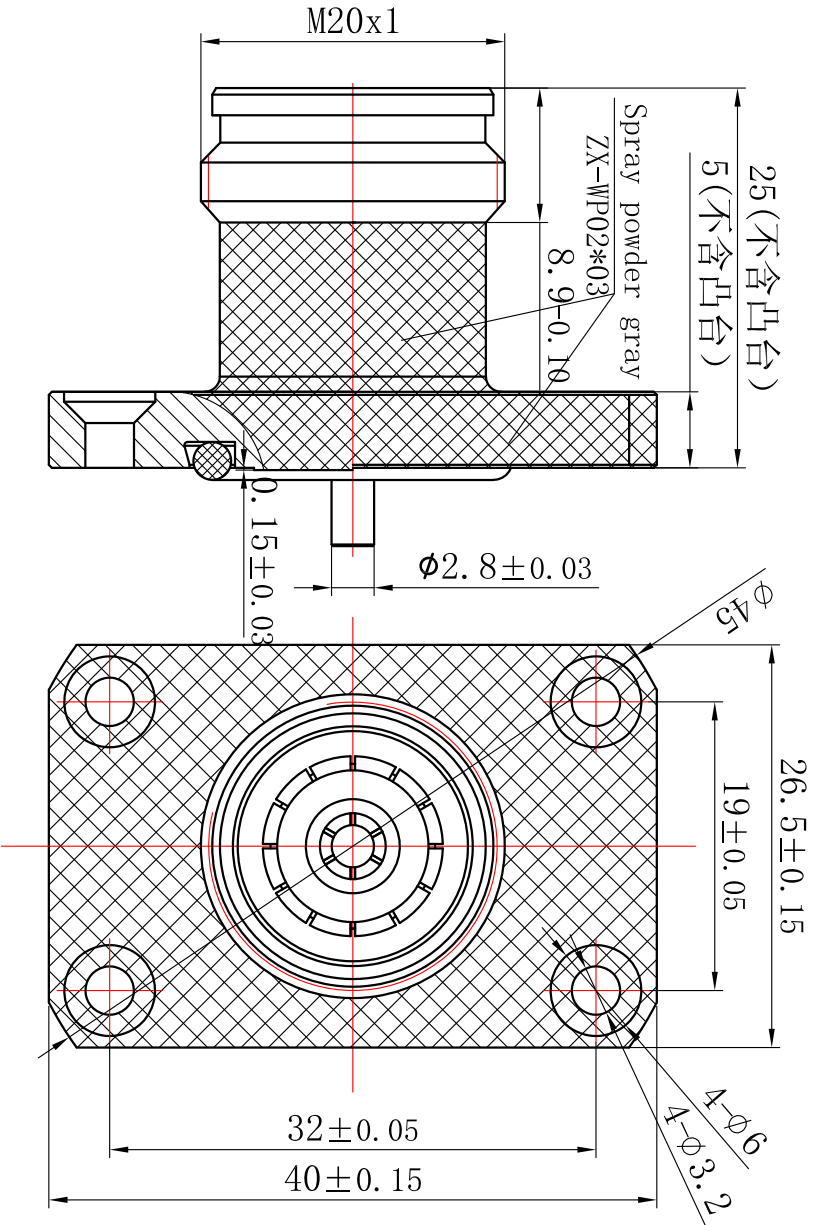





Reversion	Engineering Change Description	Date	Owner
A/0	NEW	2023.03.10	PLF

Electrical performance		
Characteristic impedance	50 Ω	
Frequency range	DC to 6 GHz	
Standing wave ratio(VSWR)	$\leq 1.20$ (DC~6GHz)	
withstand voltage	$\leq 0.1 \times \sqrt{f}$ (GHz) dB	
working voltage	2500 V rms	
Test voltage	1400 V rms	
Insulation resistance	$\geq 5000M \Omega$	
Center pin contact resistance	$\leq 1.5m \Omega$	
Conductor contact resistance	$\leq 1.5m \Omega$	
Intermodulation 3rd order	-160dBc@2x43dBm	

Mechanical and environment		
Temperature range	-40~+85℃	
Salt spray test time	96H	
Airtight	IP67	

Materials		
Connector parts	Material	Plating
Center contact	bronze	Ag
Outer contact	brass	CuSnZn
Dielectric	PTFE	
seal ring	Red silicone rubber	
Contact point	bronze	Ag



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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)											
Geometric tolerances	Positional tolerance				Design		Product design				
	X		.X		Drawn						
	0-6		±0.1		±0.05		Workmanship				
	6-10		±0.1		±0.05		Checked				
	10-30		±0.15		±0.10		Approvals				
ANGLE ±1°		>30		±0.15		±0.10		As mension			
Scale:											
Company website: <a href="http://www.dai.sheng.net">http://www.dai.sheng.net</a> / Email: <a href="mailto:ds168@dai.sheng.net">ds168@dai.sheng.net</a>											
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