

版本	设计变更	日期	会签
A	新品打样	2025. 12. 3	YYK

Electrical PERFORMANCES

Impedance	50 Ω
Frequency Range	DC TO 6GHz
V.S.W.R	1.80max(DC-6GHz)
Insulation Resistance	1000 M Ω
Withstanding Voltage	500 VDC

Inner conductor data

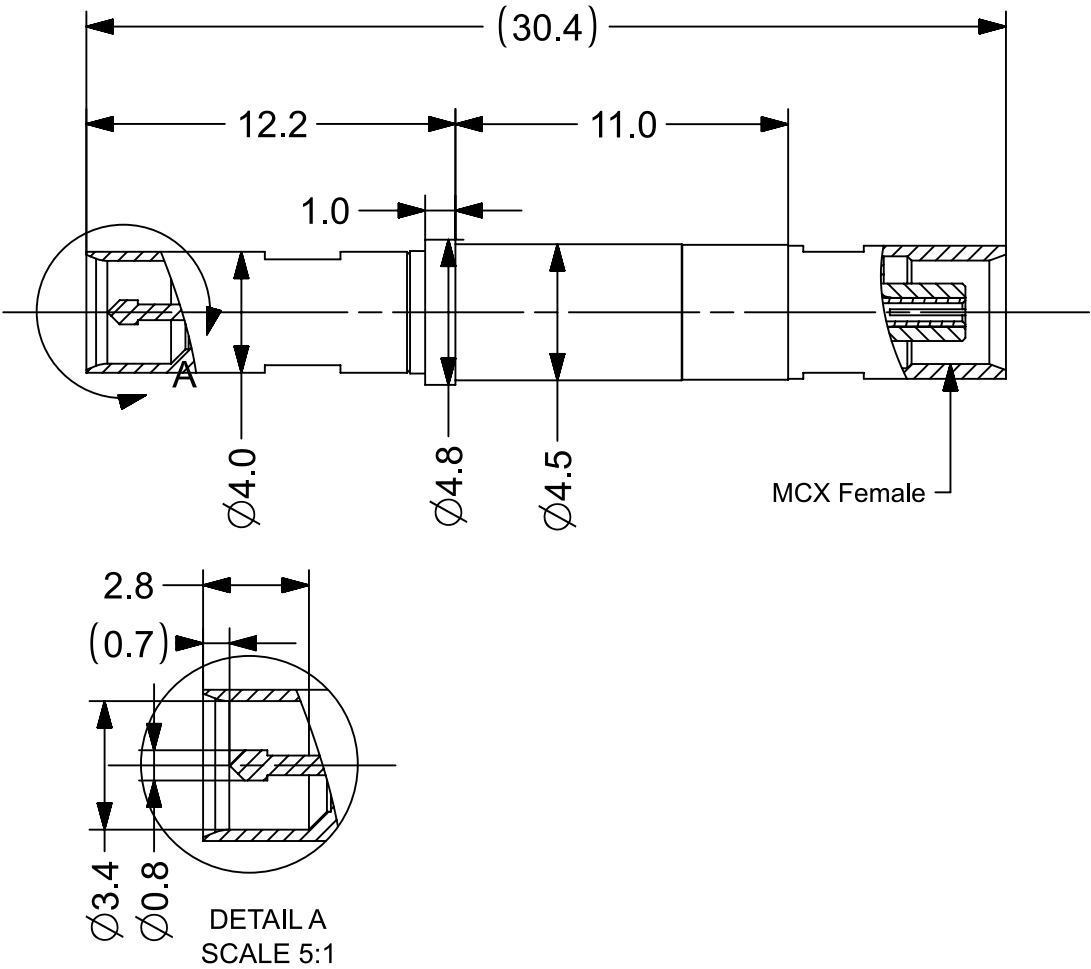
Full Travel	3.7mm
Recommended Travel	2.0mm
Spring Force	100g $\pm$ 20%@2.0mm
Tip Style Material	BeCu-Au plated
Current	3A

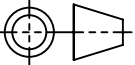
Outer conductor data

Full Travel	3.0mm
Recommended Travel	2.5mm
Spring Force	>400g@2.5mm
Current	10A

MECHANICAL PERFORMANCES

D.U.T	SMP Female Connectors
Interface of Cable Assembly	MCX Female
Test Life	10000 Times(PIN Changeable)
WORKING TEMPERATURE	-55°C~+85°C



Drawn	YYK	2025. 12. 3	Scale	3:1	Series: RCR	Group: RF Probe
Checked	YYK	2025. 12. 3	Sheet	1 of 1	Title: RCR-CXFSPF06-02	
Approved	ERIC	2024. 6. 21	Unit	mm		
Size	A4	REV.	R0	Note:	 上海里库电子科技有限公司	
				Tolerances Unless Otherwise Specified: 0 PLC ± 0.15 1 PLC ± 0.10 2 PLC ± 0.05 3 PLC ± 0.01		
						THIS DRAWING IS A CONTROLLED DOCUMENT.