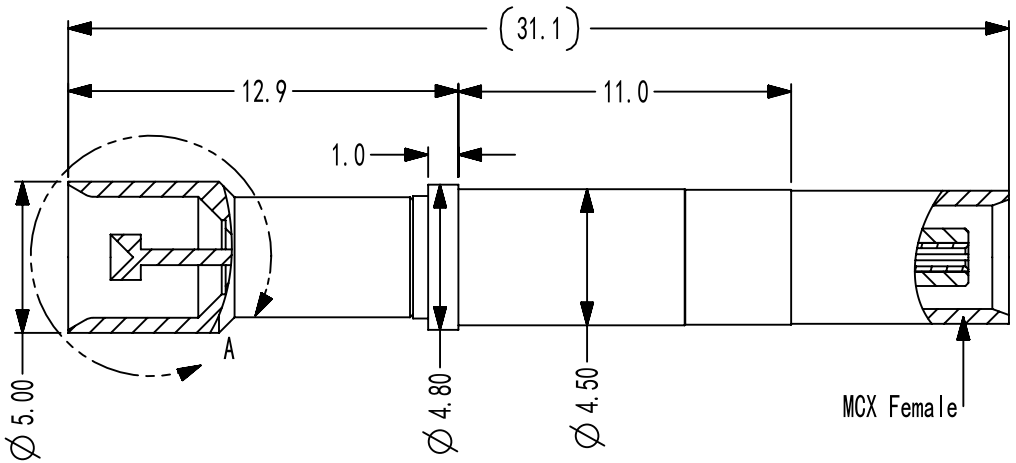
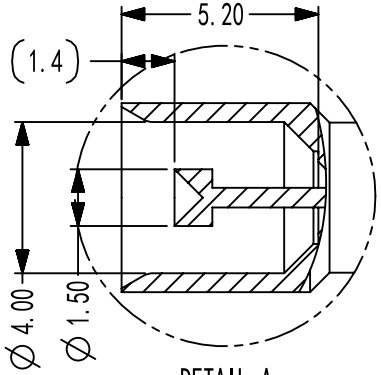
版本	设计变更	日期	会签
A	新品打样	2025.12.3	YYK

Electrical PERFORMANCES	
Impedance	50 Ω
Frequency Range	DC TO 6GHz
V.S.W.R	1.80max(DC-6GHz)
Insulation Resistance	1000 MΩ
Withstanding Voltage	500 VDC
Inner conductor data	
Full Travel	3.7mm
Recommended Travel	2.0mm
Spring Force	100g±20%@2.0mm
Tip Style Material	BeCu-Au plated
Current	3A
Outer conductor data	
Full Travel	3.0mm
Recommended Travel	2.5mm
Spring Force	＞500g@3.0mm
Current	10A
MECHANICAL PERFORMANCES	
D.U.T	Fakr Male Connectors
Interface of Cable Assembly	MCX Female
Test Life	10000 Times(PIN Changeble)
WORKING TEMPERATURE	-55°C~+85°C





DETAIL A
SCALE 5:1

Drawn	YYK	2025.12.3	Scale	3:1	Series: RK	Group:	RF Probe
Checked	YYK	2025.12.3	Sheet	1 of 1	Title:	RK-440SMBM-6G	
Approved	ERIC	2024.6.21	Unit	mm			
Size	A4	REV.	R0	Note:			

Tolerances Unless Otherwise Specified:
0 PLC ±0.15 1 PLC ± 0.10
2 PLC ±0.05 3 PLC ± 0.01

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