

Technical proposal for JX-CT-14G18G-17S Coaxial Circulator

◆ High Performance

◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2019/07/23	Lin liqun	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications

Dimension	L x W x H: 18mm x 13mm x 13.8mm
Connectors	SMA-Female
Notes	Material shall be RoHS 6/6

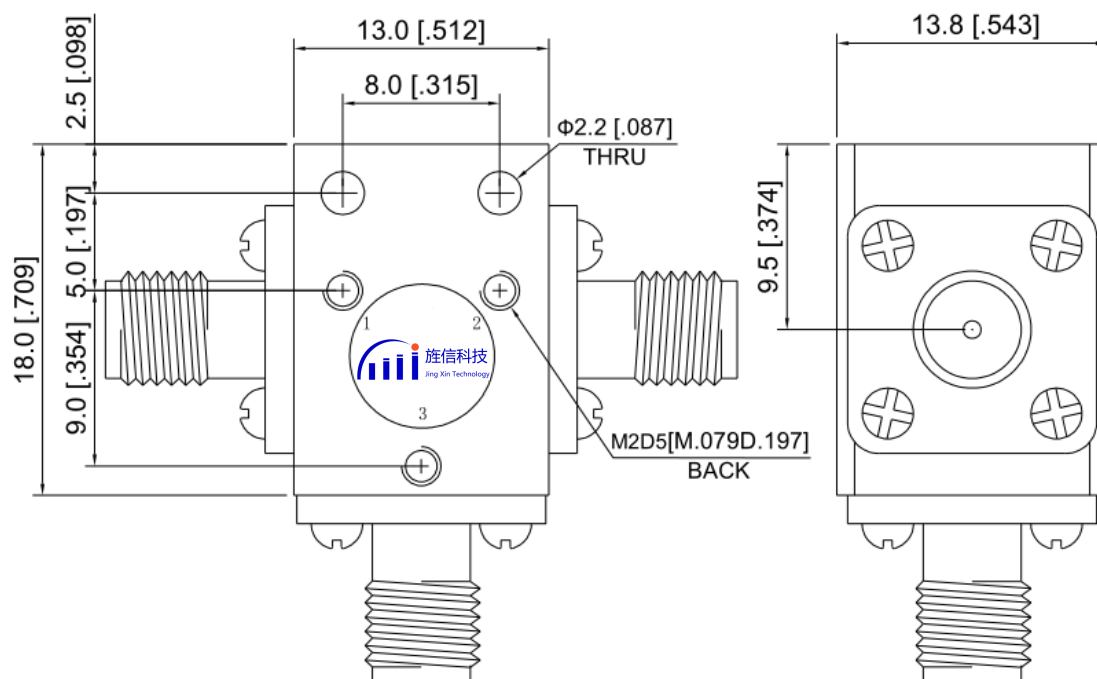


Figure 1 JX-CT-14G18G-17S front panel layout

2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	Specification
1	Frequency range	14-18GHz
2	VSWR	≤ 1.35
3	Insertion loss	$\leq 0.5\text{dB}$
4	Isolation	$\geq 17\text{dB}$
5	Forward power	60W
6	Reverse power	60W
7	Impedance	50Ω
8	Temperature range	-55°C to $+85^{\circ}\text{C}$

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