

# Technical proposal for JX-CT-1300M2700M-16S Coaxial Circulator

- ◆ High Performance
- ◆ High Reliability

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2019/06/28	Lin liqun	Created	/
V1.1	2019/10/12	Lee	SMA-Female → Drop in	JingXin request

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## 1. Mechanical layout

Table 1 Mechanical specifications

Dimension	L x W x H: 50.8mm x 49.5mm x 19mm
Connectors	Drop-in
Notes	Material shall be RoHS 6/6

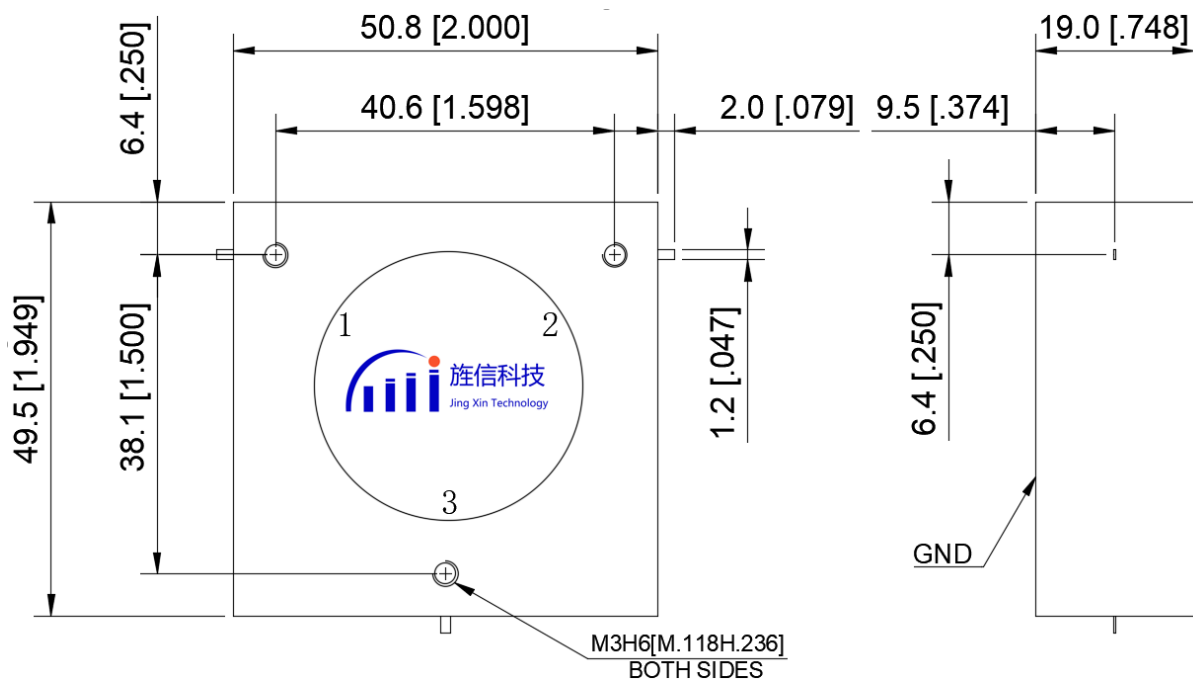


Figure 1 JX-CT-1300M2700M-16S front panel layout

## 2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	Specification
1	Frequency range	1300-2700MHz
2	VSWR	$\leq 1.35$
3	Insertion loss	$\leq 0.7\text{dB}$
4	Isolation	$\geq 16\text{dB}$
5	Forward power	100W
6	Reverse power	100W
7	Impedance	50 $\Omega$
8	Temperature range	0°C to +70°C

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