

Technical Proposal for JX-CT-xxxMxxxM-xN_xS Circulator

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2020/09/15	Lin liqun	Created	/

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Add: No.65,West 1st Wu Ke Road, Wu Hou District, Cheng Du City, Si Chuan Province, China.

1. Mechanical layout

Table 1 Mechanical specifications

Dimension	LxWxH: 19mm x 28.5mm x 25.4mm
Notes	Material shall be RoHS 6/6

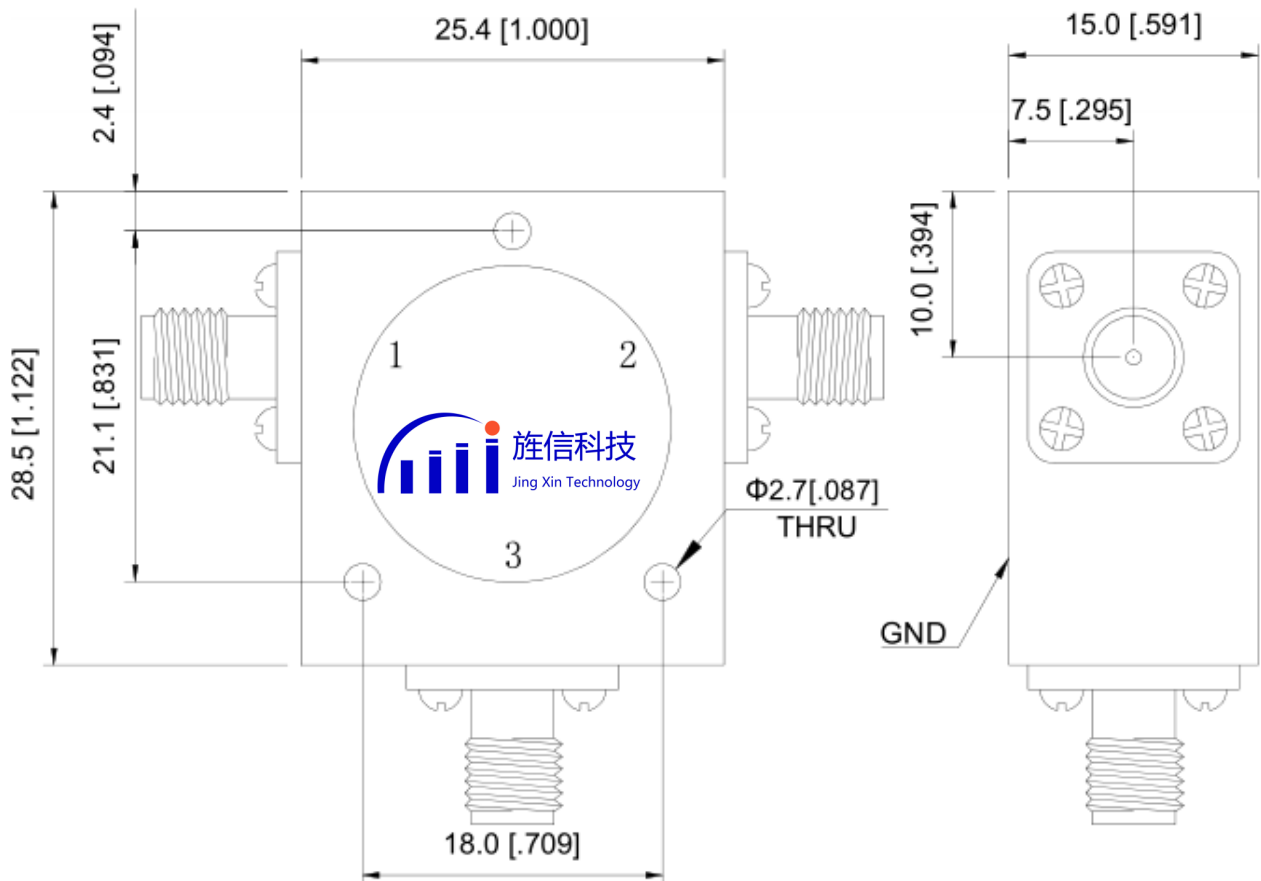


Figure 1 JX-CT-xxxMxxxM-xN_xS front panel layout

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2. Electrical analysis

2.1 Electrical specifications

Table 2 Electrical specifications

Model Numbe	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connect or Type	Temp (°C)
JX-CT-700M750M-20S	700-750	0.4	20	1.25	100	100	SMA-F	-30 to+70
JX-CT-869M594M-23N	869-894	0.3	23	1.2	200	200	N-F	-30 to+70
JX-CT-925M960M-23S	925-960	0.3	23	1.2	100	100	SMA-F	-30 to+70
JX-CT-1200M1400M-20S	1200-1400	0.35	20	1.25	150	150	SMA-F	-40 to+85
JX-CT-1400M1600M-21N	1400-1600	0.35	21	1.25	200	200	N-F	-30 to+70
JX-CT-1700M2200M-18S	1700-2200	0.5	18	1.3	100	100	SMA-F	-30 to+70
JX-CT-1700M1900M-21N	1700-1900	0.35	21	1.25	200	200	N-F/N-M	-30 to+70
JX-CT-1900M2200M-21S	1900-2200	0.35	21	1.25	200	200	N-F/N-M	-30 to+70
JX-CT-2000M2500M-20S	2000-2500	0.5	20	1.25	100	100	SMA-F	-30 to+70
JX-CT-2000M2700M-18S	2000-2700	0.5	18	1.3	100	100	SMA-F	-30 to+70
JX-CT-2300M2500M-23S	2300-2500	0.3	23	1.2	100	100	SMA-F	-40 to+85
JX-CT-2300M3000M-18S	2300-3000	0.5	18	1.3	100	100	SMA-F	-40 to+85
JX-CT-2400M2600M-23S	2400-2600	0.3	23	1.2	100	100	SMA-F	-40 to+85
JX-CT-2500M2700M-23N	2500-2700	0.3	23	1.2	200	200	N-F	-40 to+85
JX-CT-2600M3300M-18S	2600-3300	0.5	18	1.3	100	100	SMA-F	-30 to+70
JX-CT-2700M3100M-20S	2700-3100	0.4	20	1.25	100	100	SMA-F	-40 to+85
JX-CT-2850M3300M-20S	2850-3300	0.4	20	1.25	100	100	SMA-F	-40 to+85
JX-CT-3000M3600M-20S	3000-3600	0.4	20	1.25	100	100	SMA-F	-40 to+85
JX-CT-3400M4200M-20S	3400-4200	0.4	20	1.25	100	100	SMA-F	-40 to+85
JX-CT-3500M4000M-20S	3500-4000	0.4	20	1.25	100	100	SMA-F	-40 to+85
JX-CT-4000M4600M-20S	4000-4600	0.4	20	1.25	100	100	SMA-F	-40 to+85
JX-CT-4400M5000M-20S	4400-5000	0.4	20	1.25	100	100	SMA-F	-40 to+85

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