

Technical Proposal for JX-CT-xxxMxxxM-xT 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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JING XIN MICROWAVE TECHNOLOGY CO.,LTD

E-mail: sales@cdjx-mw.com Web: <http://www.cdjx-mw.com>

TEL: +86-28-85026087 FAX: +86-28-65026087 ext.8033 Zip Code:610045

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	L x W x H: 19mm x 19mm x 8.6mm
Port connectors	TAB-Female
Notes	Material shall be RoHS 6/6

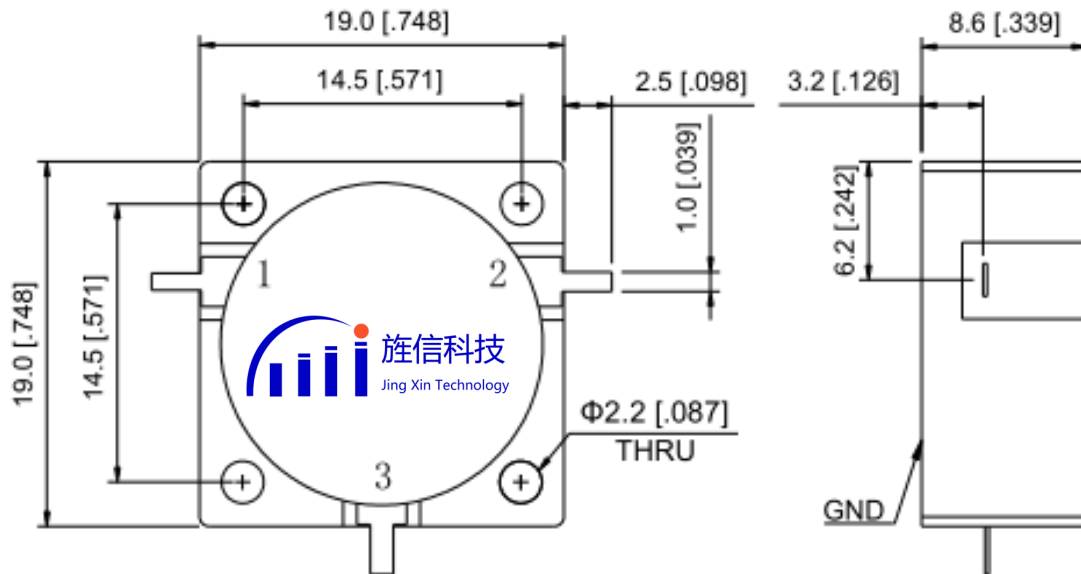


Figure 1 JX-CT-xxxMxxxM-xT front panel layout

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)	Temp. (°C)
JX-CT-617M698M-20T	617~698	0.4	20	1.25	100	100	-40~+85
JX-CT-703M803M-20T	703~803	0.4	20	1.25	100	100	-40~+85
JX-CT-824M894M-20T	824~894	0.4	20	1.25	100	100	-40~+85
JX-CT-860M960M-20T	860~960	0.4	20	1.25	100	100	-40~+85
JX-CT-925M960M-23T	925~960	0.3	23	1.2	100	100	-40~+85

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**Professional manufacturer of
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JX-CT-1070M1210M-20T	1070~1010	0.4	20	1.25	100	100	-40~+85
JX-CT-1200M1400M-20T	1200~1400	0.3	20	1.2	100	100	-40~+85
JX-CT-1250M1450M-21T	1250~1450	0.3	21	1.2	100	100	-40~+85
JX-CT-1450M1550M-23T	1450~1550	0.3	23	1.2	100	100	-40~+85
JX-CT-1500M1700M-23T	1500~1700	0.3	23	1.2	100	100	-40~+85
JX-CT-1710M2170M-20T	1710~2170	0.4	20	1.25	100	100	-40~+85
JX-CT-1805M1880M-23T	1805~1880	0.3	23	1.2	100	100	-40~+85
JX-CT-1920M1990M-23T	1920~1990	0.3	23	1.2	100	100	-40~+85
JX-CT-2000M2400M-20T	2000~2400	0.4	20	1.25	100	100	-40~+85
JX-CT-2110M2170M-23T	2110~2170	0.3	23	1.2	100	100	-40~+85
JX-CT-2300M2500M-23T	2300~2500	0.3	23	1.2	100	100	-40~+85
JX-CT-2400M2600M-23T	2400~2600	0.3	23	1.2	100	100	-40~+85
JX-CT-2496M2690M-23T	2496~2690	0.3	23	1.2	100	100	-40~+85
JX-CT-2500M2700M-23T	2500~2700	0.3	23	1.2	100	100	-40~+85
JX-CT-2700M3100M-20T	2700~3100	0.4	20	1.25	100	100	-40~+85
JX-CT-2700M3500M-18T	2700~3500	0.5	18	1.3	100	100	-40~+85
JX-CT-3150M3250M-23T	3150~3250	0.3	23	1.2	100	100	-40~+85
JX-CT-3300M3600M-23T	3300~3600	0.3	23	1.2	100	100	-40~+85
JX-CT-3500M4500M-18T	3500~4500	0.5	18	1.3	100	100	-40~+85
JX-CT-3600M3800M-23T	3600~3800	0.3	23	1.2	100	100	-40~+85
JX-CT-3900M4200M-23T	3900~4200	0.3	23	1.2	100	100	-40~+85
JX-CT-3900M4500M-20T	3900~4500	0.4	20	1.25	100	100	-40~+85
JX-CT-4000M4500M-20T	4000~4500	0.35	20	1.2	100	100	-40~+85
JX-CT-4200M4700M-20T	4200~4700	0.35	20	1.25	100	100	-40~+85
JX-CT-4400M5000M-20T	4400~5000	0.4	20	1.25	100	100	-40~+85

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