

X Band Surface Mount Circulator

JCM8500T10K5XM0C

Description:

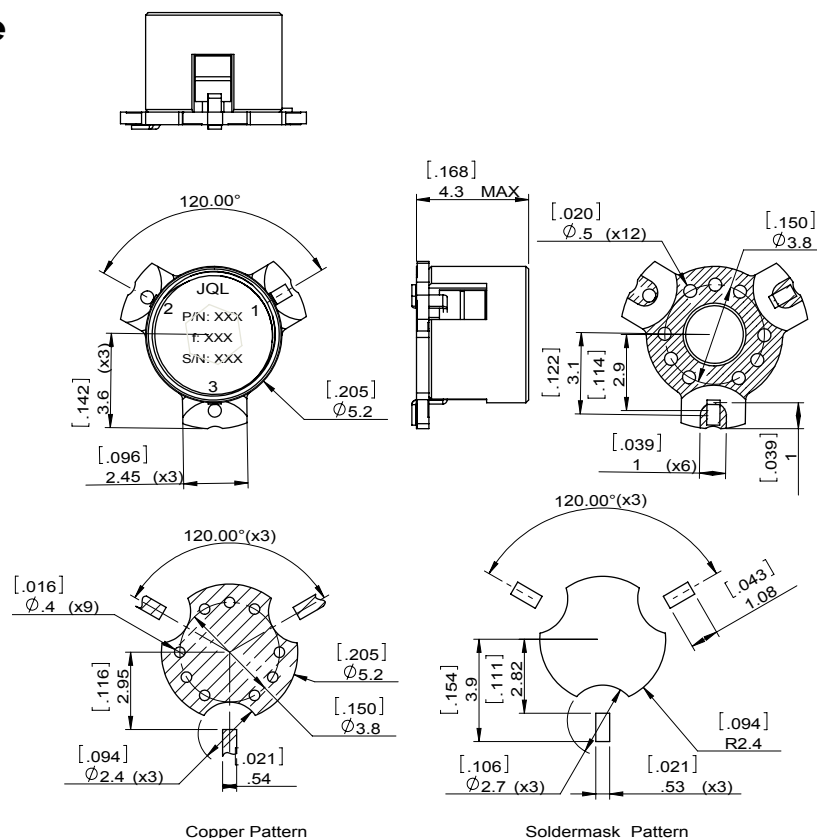


JCM8500T10K5XM0C is a surface mount circulator in the frequency 8.500~10.500GHz. The device is extremely stable over the temperature range of -40°C to +85°C, with maximum insertion loss of 0.5@25°C || 0.7@-40~+85°C and minimum return loss of 18.0@25°C || 17.0@-40~+85°C. This circulator can handle a CCW Power FWD/REV/PK(Watt) of 5/5/5 20% duty cycle and 100 usec

Electrical Specification

Part Number	JCM8500T10K5XM0C
Frequency (MHz)	8.500~10.500
Insertion Loss(dB)MAX	0.5@25°C 0.7@-40~+85°C
Isolation(dB)MIN	18.0@25°C 17.0@-40~+85°C
Return Loss(dB)MIN	18.0@25°C 17.0@-40~+85°C
Operating Temperature	-40°C~+85°C
Power FWD/REV/PK(Watt)	5/5/5 20% duty cycle and 100 usec

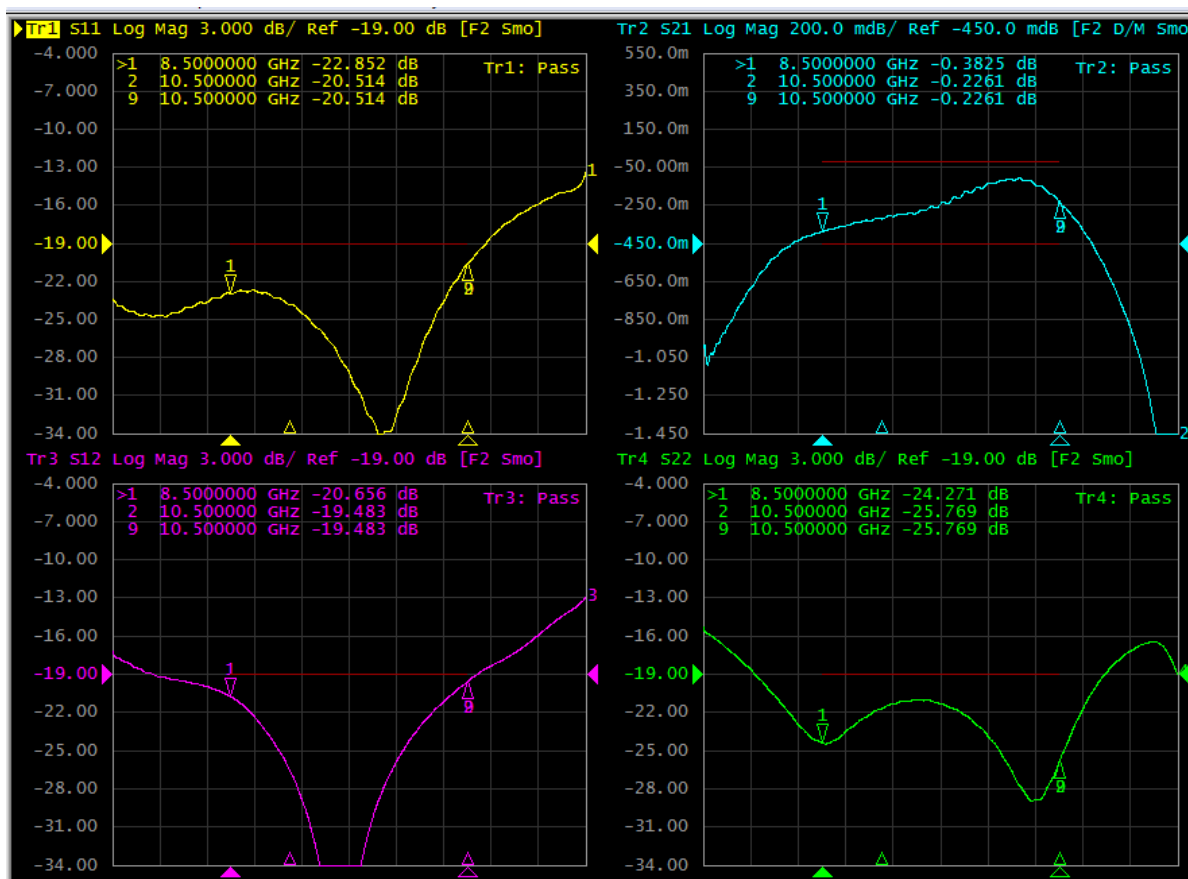
Outline



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Test Data



Applications

- Radar