

**SAW Resonator 315MHz**

**Model: TC0202A**

**Part No: MA07076**

**REV. NO.: 1**

**A. FEATURES:**

1. 1-Port Resonator.

**B. MAXIMUM RATING:**

1. Input Power Level: 0 dBm
2. DC voltage: 12 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

**C. ELECTRICAL CHARACTERISTICS:**

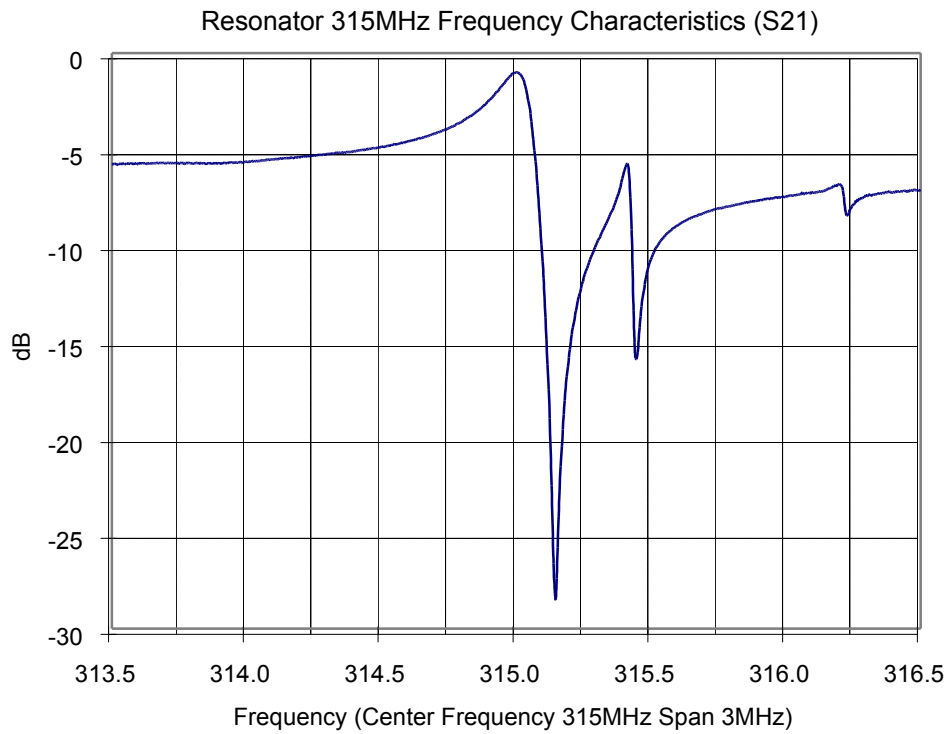
Characteristic	Units	Minimum	Typical	Maximum
Center frequency Fr	MHz	314.925	315	315.075
Insertion Loss IL	dB	-	1.0	2.0
Equivalent Elements				
Motional capacitance C1	fF	-	3.53	-
Motional inductance L1	μH	-	72.3	-
Motional resistance R1	Ohm	-	11.8	-
Parallel capacitance Co	pF	-	4.8	-
Temp.coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	30	-	60
Package size			TO39	



**SAW Resonator 315MHz**  
**Part No: MA07076**

**Model: TC0202A**  
**REV. NO.: 1**

**F. FREQUENCY CHARACTERISTICS:**



**G. TEST CIRCUIT:**

