
SAW Resonator 315.0MHz**Model: TC315GD_A****Part No: MA07075****REV. NO.: 2**

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

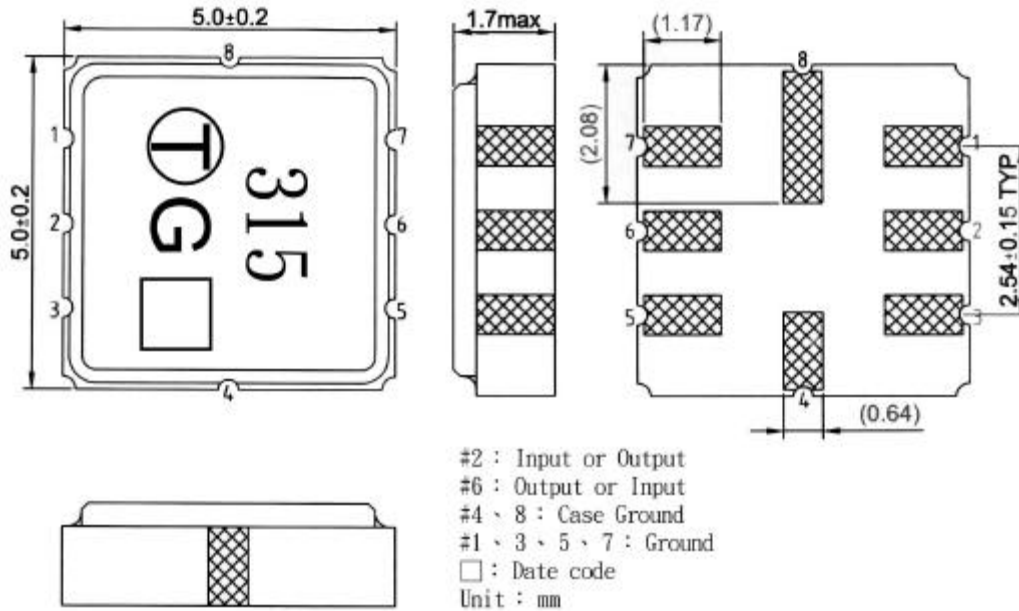
C. ELECTRICAL CHARACTERISTICS:

Characteristic	Units	Minimum	Typical	Maximum
Center frequency Fr	MHz	314.925	315.000	315.075
Insertion Loss IL	dB	-	1.2	2.0
Equivalent Elements				
Motional capacitance C1	fF	-	2.80	-
Motional inductance L1	H	-	91.30	-
Motional resistance R1	Ohm	-	18.00	-
Parallel capacitance Co	pF	-	4.66	-
Temp.coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	10	25	40
Package size		SMD 5X5X1.4mm		

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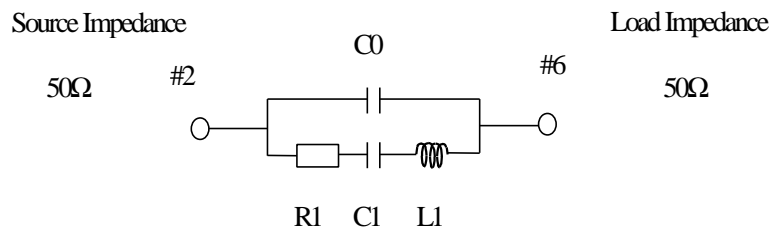
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D. OUTLINE DRAWING:



E. EQUIVALENT CIRCUIT:

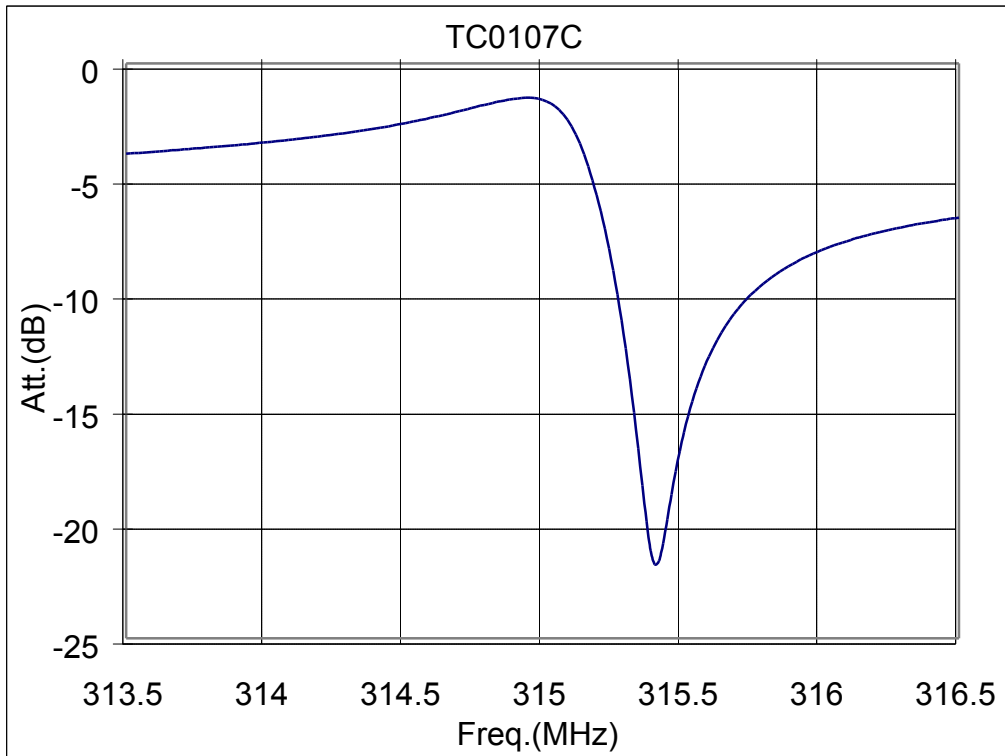
One-Port Resonator:



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F. FREQUENCY CHARACTERISTICS:



G. TEST CIRCUIT:

