

SAW Resonator 433.92 MHz
Part No: MA04205

Model: TC433ED-A
REV NO.: 6

A. FEATURES:

- 1-Port Resonator.

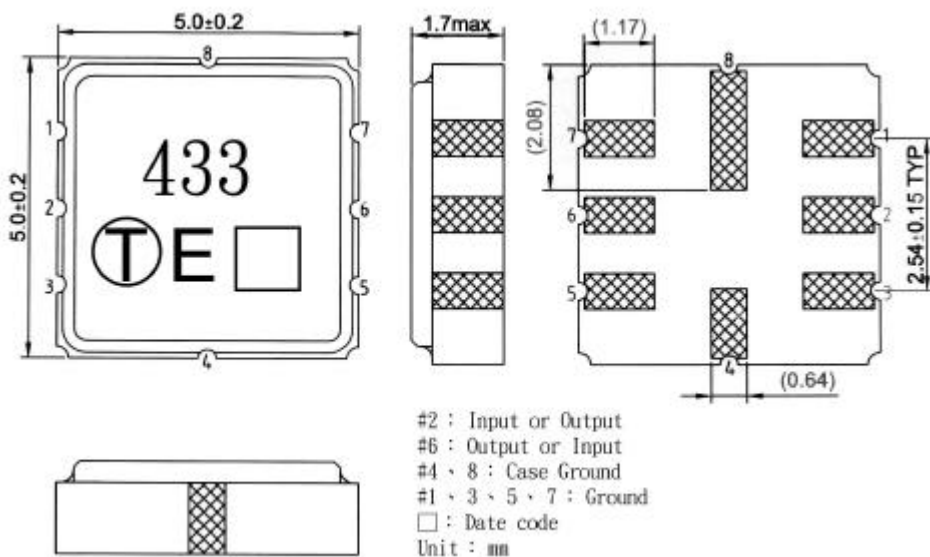
B. MAXIMUM RATING:

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	433.845	433.92	433.995
Insertion Loss IL	dB	-	1.0	2.0
Unloaded Quality factor,		-	13000	-
Loaded Quality factor, QL		-	1500	-
Motional capacitance C1	fF	-	1.8	-
Motional inductance L1	H	-	73	-
Motional resistance R1	Ohm	-	13	23
Parallel capacitance Co	pF	-	3.0	-
Temp.coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	20	-	50
Package size		SMD5X5X1.7mm		

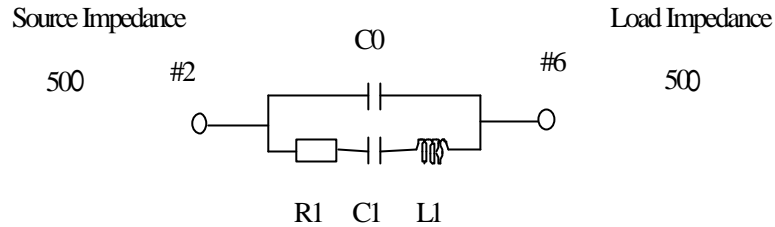
D. OUTLINE DRAWING:



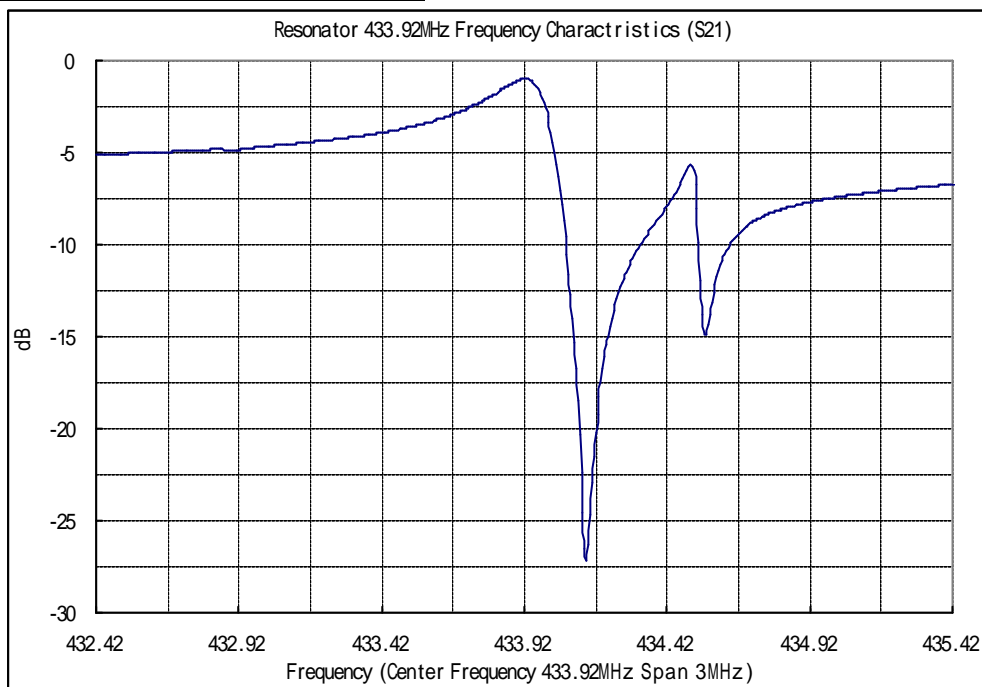
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E. EQUIVALENT CIRCUIT:



F. FREQUENCY CHARACTERISTICS:



G. TEST CIRCUIT:

Network analyzer

