

SAW Resonator 433.920MHz
Part No: MA06413

Model: TC0217A
REV. NO.: 1

A. FEATURES:

1. 1-Port Resonator.

B. MAXIMUM RATING:

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

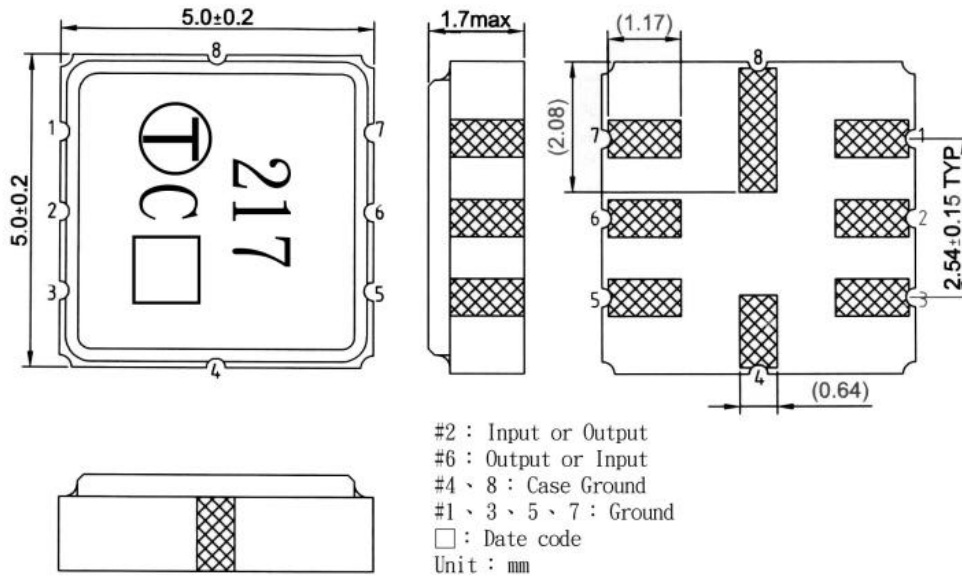
C. ELECTRICAL CHARACTERISTICS:

Characteristic	Units	Minimum	Typical	Maximum
Center frequency F_r	MHz	433.770	433.920	434.070
Insertion Loss I_L	dB	-	1.0	2.0
Unloaded Quality factor, Q_U		-	13000	-
Loaded Quality factor, Q_L		-	1500	-
Motional capacitance C_1	fF	-	1.8	-
Motional inductance L_1	H	-	73	-
Motional resistance R_1	Ohm	-	13	23
Parallel capacitance C_0	pF	-	3.0	-
Temp.coefficient	ppm/c*2	-	0.032	-
Turnover T_o	deg.C	20	-	50
Package size		SMD5X5X1.7mm		

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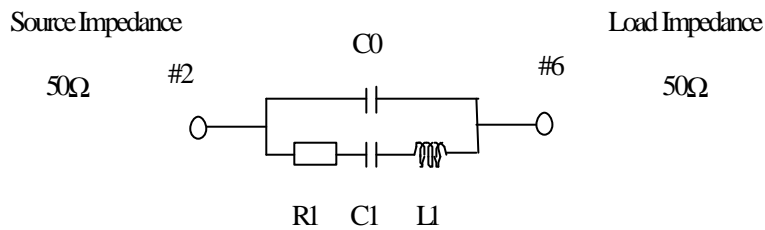
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D. OUTLINE DRAWING:



E. EQUIVALENT CIRCUIT:

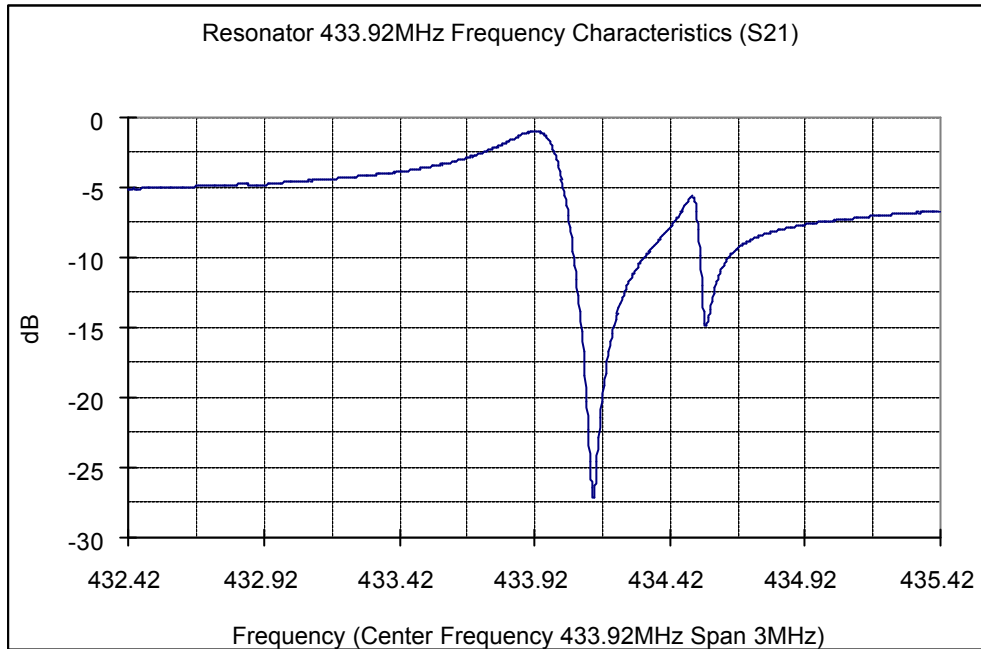
One-Port Resonator:



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F. FREQUENCY CHARACTERISTICS:



G. TEST CIRCUIT:

