

SAW Resonator 745.795MHz
Part No: MA07548

Model: TC0185A
REV. NO.: 1

A. FEATURES:

- 1-Port Resonator.

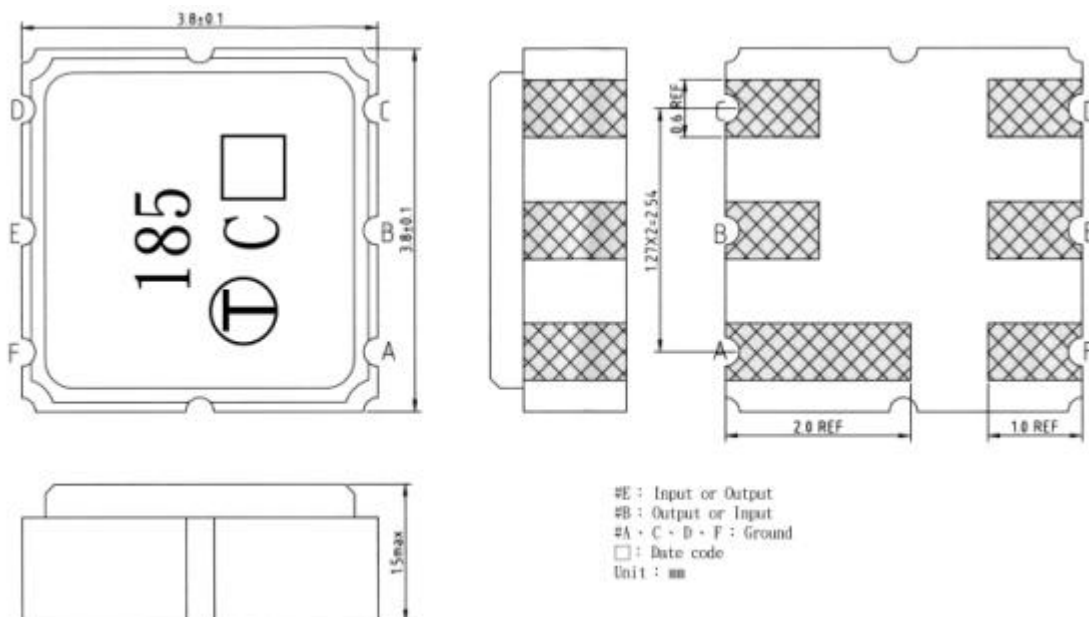
B. MAXIMUM RATING:

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	745.670	745.795	745.920
Insertion Loss IL	dB	-	1.1	2.0
Equivalent Elements				
Motional capacitance C₁	fF	-	1.72	-
Motional inductance L₁	μH	-	26.52	-
Motional resistance R₁	Ohm	-	14.93	-
Parallel capacitance C₀	pF	-	2.87	-
Temp.coeff.	ppm/c*2	-	0.032	-
Turnover To	°C	20	-	50
Package size		SMD 3.8X3.8X1.4mm		

D. OUTLINE DRAWING:

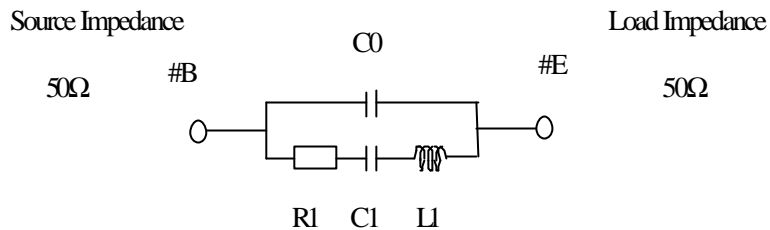


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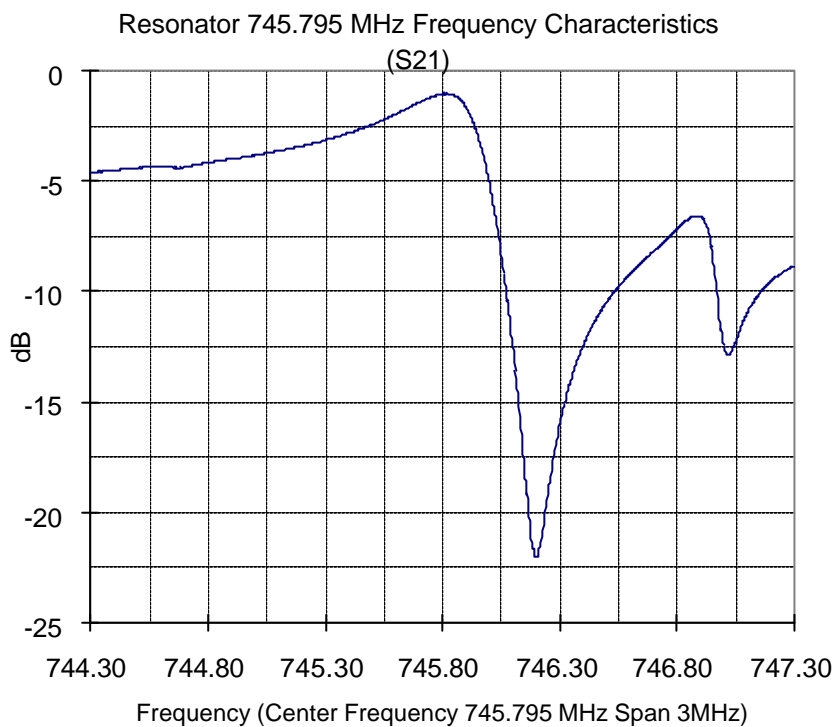
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E. EQUIVALENT CIRCUIT:

One-Port Resonator:



F. FREQUENCY CHARACTERISTICS:



G. TEST CIRCUIT:

