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Approval Sheet For Product Specification

Issued Date:

Product Name: One port SAW Resonator 390MHz TO39

TST Parts No.: TC0151A

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: Jacky Huang

Approval by: Vincent Lee

Date: _____

SAW Resonator 390 MHz

MODEL NO.: TC0151A

REV. NO.:1

A. FEATURES:

- 1-Port Resonator.

B. MAXIMUM RATING:

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

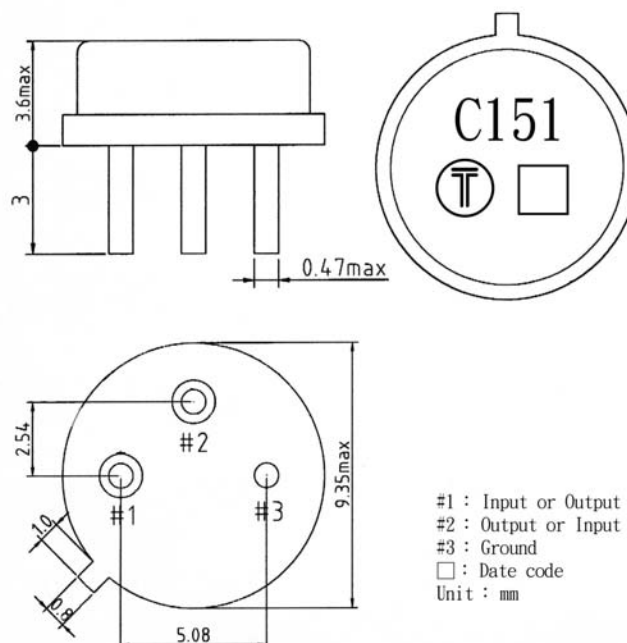
RoHS Compliant

Lead-free soldering

C. ELECTRICAL CHARACTERISTICS:

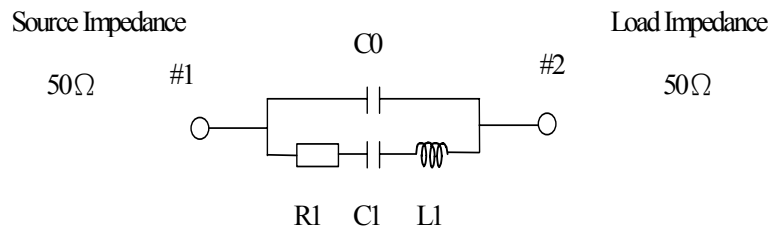
Characteristic	Units	Minimum	Typical	Maximum
Center frequency Fr	MHz	389.025	390	390.075
Insertion Loss IL	dB		1.5	2.5
Unloaded Quality factor		6000		
Equivalent Elements				
Motional capacitance C1	fF		2.57	
Motional inductance L1	μH		64.7	
Motional resistance R1	Ohm		14	
Parallel capacitance Co	pF		3.6	
Temp.coeff.	ppm/c*2		0.032	
Turnover To	deg.C		25	
Package size			TO-39	

D.OUTLINE DRAWING:

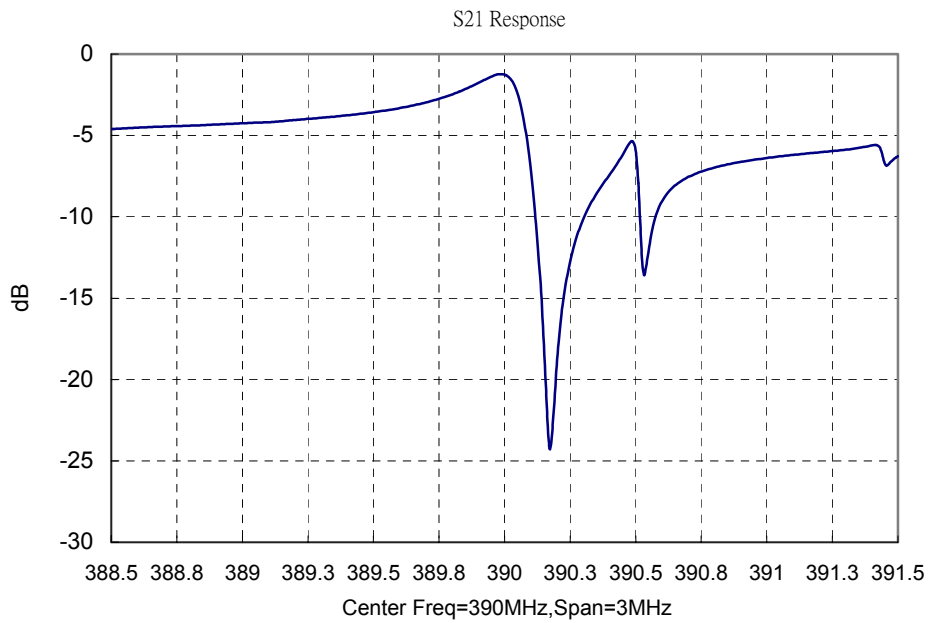


E. EQUIVALENT CIRCUIT:

One-Port Resonator:



F. FREQUENCY CHARACTERISTICS:



G. TEST CIRCUIT:

