TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.
TEL: 886-3-4690038 FAX: 886-3-4697532
E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Approval Sheet For Product Specification

Issued Date:

Product Name: One-Port SAW Resonator 315MHz F11

TST Parts No.:TC0166A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Jacky Huang_____

Approval by:_____Vincent Lee_____

Date:_____Feb, 08, 2002_____

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SAW Resonator 315 MHz

MODEL NO.: TC0166A REV. NO.:1

1. FEATURES:

1. 1-Port Resonator.

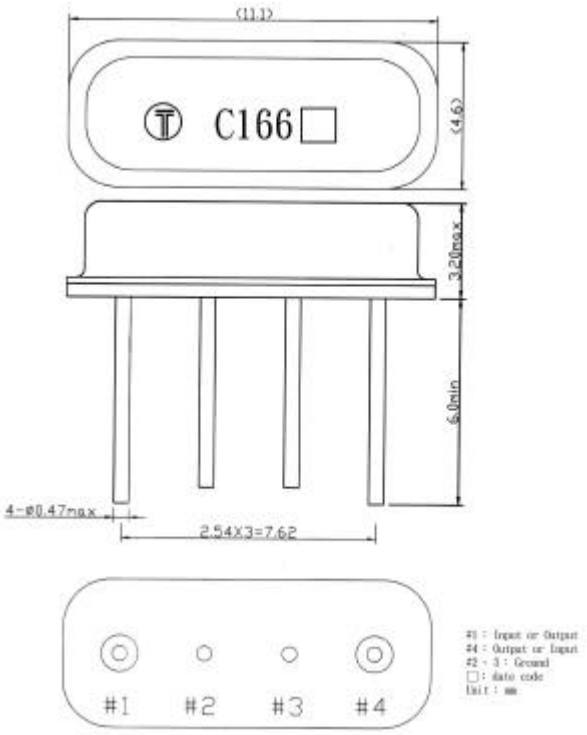
B. MAXIMUM RATING:

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

C. ELECTRICAL CHARACTERISTICS:

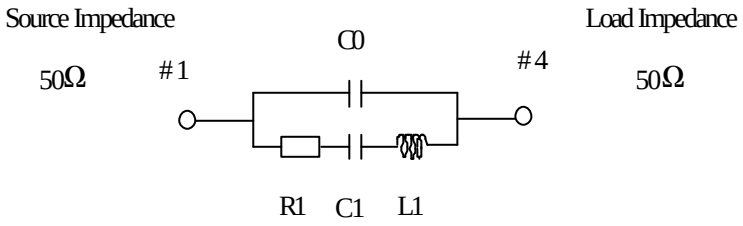
Characteristic	Units	Minimum	Typical	Maximum
Center frequency **Fr**	**MHz**	314.850	315	315.150
Insertion Loss **IL**	**dB**	-	1.0	2.0
Unloaded Quality factor		-	12000	-
Equivalent Elements				
Motional capacitance **C1**	**fF**	-	3.53	-
Motional inductance **L1**	**μ H**	-	72.3	-
Motional resistance **R1**	**Ohm**	-	11.8	25
Parallel capacitance **Co**	**pF**	-	4.8	-
Temp.coeff.	**ppm/c*2**	-	0.032	-
Turnover To	**deg.C**	35	-	65
Package size		F-11		

D. OUTLINE DRAWING:

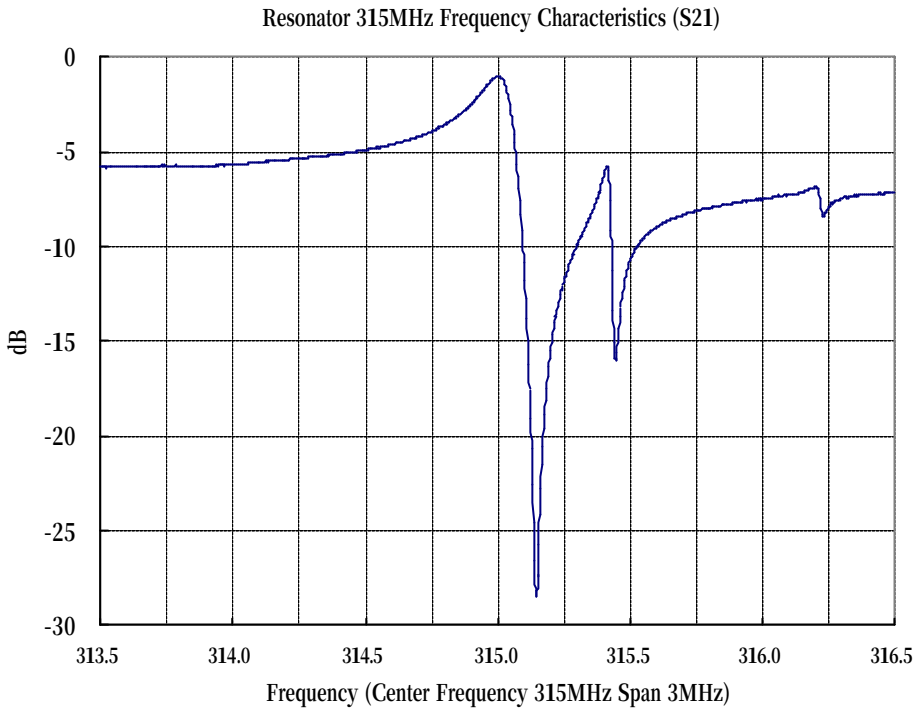


E. EQUVIRENT CIRCUIT:

One-Port Resonator:



F. FREQUENCY CHARACTERISTICS:



G. TEST CIRCUIT:

