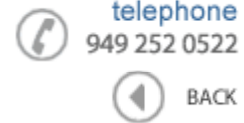


**Data Sheet**

Product Category: Ceramic Resonator

Series Number
641Package
T0-39Description
Two-Port 180° SAWLast Modified
Jan. 01 2002**FEATURES**

- Quartz Stability
- **180° nominal insertion phase at resonance**
- Industry standard package

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	SYMBOL	CHARACTERISTICS	UNITS
Center Frequency	Fc	384.05 ~ 433.92 ±0.075	MHz
Insertion Loss	IL	6.0	dB
Unloaded Q	-	13000	-
50 Ohms Loaded Q	-	6000	-
Turnover Temperature	To	35	°C
Freq. Temp. Coefficient	FTC	0.037	PPM/°C
Frequency Aging	lfAl	10 max. typ.	PPM/Y
DC Insulation Resistance	Between any 2 pins	1 min.	Mohm
Turnover Frequency	Fo	Fc ±21	KHz
Operating Temperature	T _{OPR}	-10 to +60	°C
Package	-	T0-39	-

PACKAGE DIMENSIONS (mm)

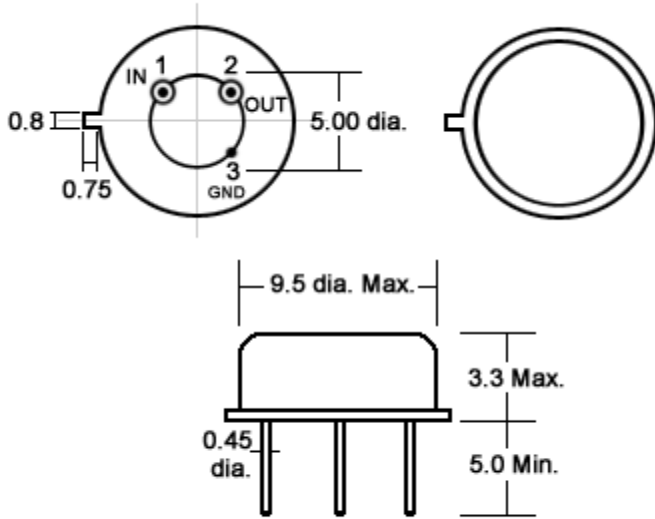


Figure 1) Top, Side, and Bottom Views

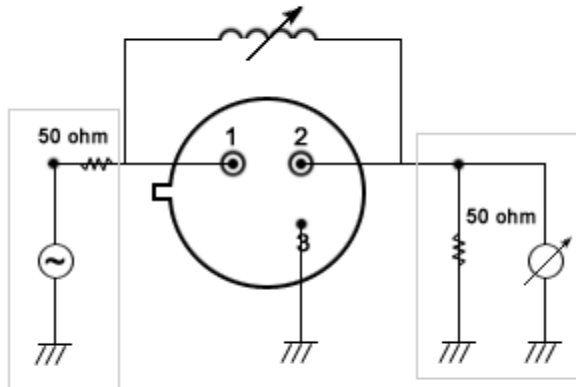


Figure 2) Test Circuit

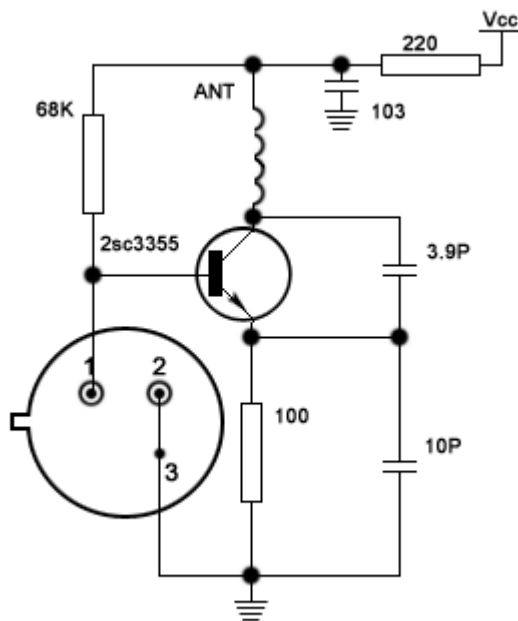


Figure 3) Application Circuit

PART NUMBER GUIDE

Part Number	Frequency
641-384.05M	384.05 MHz
641-418.0M	418.0
641-433.42M	433.42
641-433.92M	433.92

NOTE: Deviations on all parameters available. Please consult Oscilent for details.

DEFINITIONS: Click on the characteristic names above, for definitions of the particular characteristic.

Series No.: 641

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