



Data Sheet



Product Category: Ceramic Resonator

Series Number
642

Package
F-11 Narrow Band

Description
One-Port SAW

Last Modified
Jan. 01 2002

FEATURES

- Quartz Stability
- Industry standard package



OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	SYMBOL	CHARACTERISTICS	UNITS
Center Frequency	Fc	314.5 ~ 980.0 ±0.075	MHz
Insertion Loss	IL	1.5	dB
Unloaded Q	-	12000	-
50 Ohms Loaded Q	-	2000	-
Turnover Temperature	To	35	°C
Freq. Temp. Coefficient	FTC	0.037	PPM/°C
Frequency Aging	fAI	10 max. typ.	PPM/Y
DC Insulation Resistance	Between any 2 pins	1 min.	Mohm
Turnover Frequency	Fo	Fc ±1.3	KHz
Operating Temperature	T _{OPR}	-10 to +60	°C
Package	-	F-11	-

PACKAGE DIMENSIONS (mm)

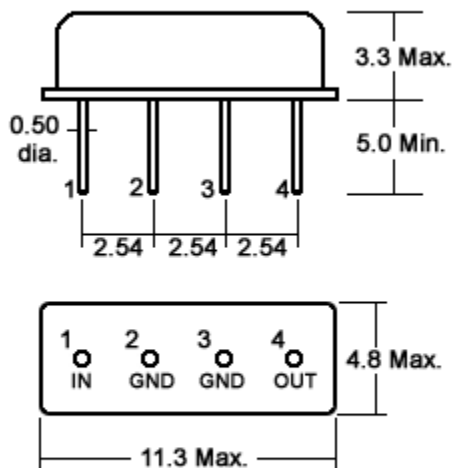


Figure 1) Side, and Bottom Views

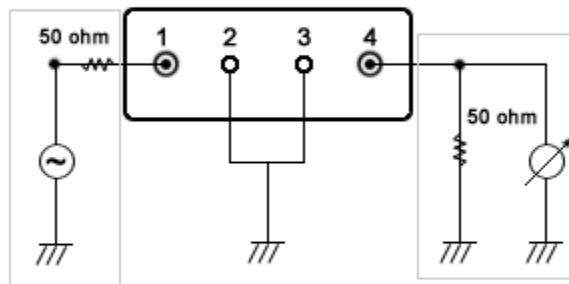


Figure 2) Test Circuit

PART NUMBER GUIDE

Part Number	Frequency	Part Number	Frequency
642-314.5M	314.5 MHz	642-433.42M	433.42 MHz
642-315.0M	315.0	642-433.92M	433.92
642-318.0M	318.0	642-479.5M	479.5
642-384.05M	384.05	642-886.0M	886.0
642-418.0M	418.0	642-912.0M	912.0
642-423.0M	423.0	642-916.5M	916.5
642-423.22M	423.22	642-980.0M	980.0

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

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

Oscilent Corporation - CALL **949.252.0522**

Series No.: **642**

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