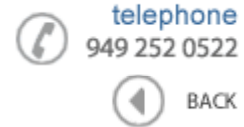


**Data Sheet**

Product Category: Ceramic Resonator

Series Number	Package	Description	Last Modified
650	ZTU Ceramic	Low Profile	Jan. 01 2007

FEATURES

- Low profile
- Low frequency range
- Extended temperature range
- High stability
- Built in load capacitance
- RoHs Compliant

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

Series No.	Type	Frequency Range	Frequency Accuracy	Operating Temperature	Stability in Temperature
		(KHz)	KHz	°C	(-20 ~ +80°C)
650	ZTU	450 ~ 500	±2	-20 ~ 80	±0.3%

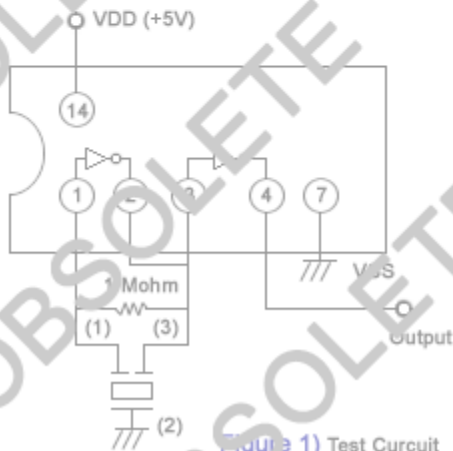
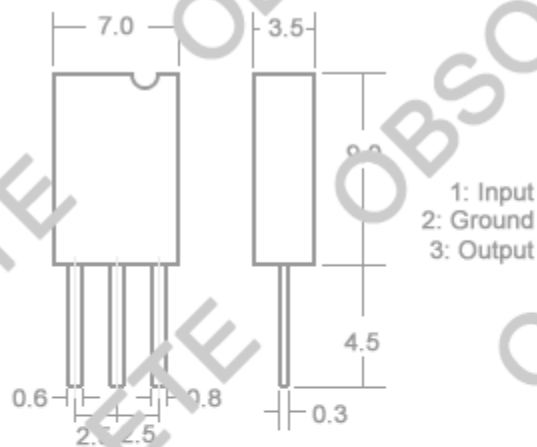
PACKAGE DIMENSIONS (mm)

Figure 1) Test Circuit

PART NUMBER GUIDE

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Part Number	Frequency	Packaging*
650-450.0M	450 KHz	Blank* = Bulk -TR = Tape/ Reel
650-455.0M	455	
650-480.0M	480	
650-500.0M	500	
NOTE: Deviations on all parameters available. Please consult Oscilent for details. DEFINITIONS: Click on the characteristic names above, for definitions of the particular characteristic. *PACKAGING: Click on the packaging name above for tape/reel specifications		

Oscilent Corporation - CALL **949.252.0522**

Series No.: **650**

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