

The ZTB 455E ceramic resonator offers low frequency 455 KHz and extended temp range.

**ZTB455E**  
455 KHz  
Ceramic resonator



- Low Frequency Resonator
- RoHS Compliant (Note 7 exemption)
- Extended temp range

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	CONDITIONS	ZTB455E			UNITS
		MIN	TYP	MAX	
Frequency			455.0		KHz
Frequency Tolerance	@ +25°C			± 2	KHz
Frequency Stability	-20 ~ +80°C			±0.3	%
Aging	10 Years			±0.5	%
ESR				20	Ohms
C1			100		pF
C2			100		pF
Operating Temperature	T <sub>opr</sub>	-20		+80	°C
Storage Temperature	T <sub>stg</sub>	-20		+85	°C

Not for new designs

**DIMENSIONS (mm)**

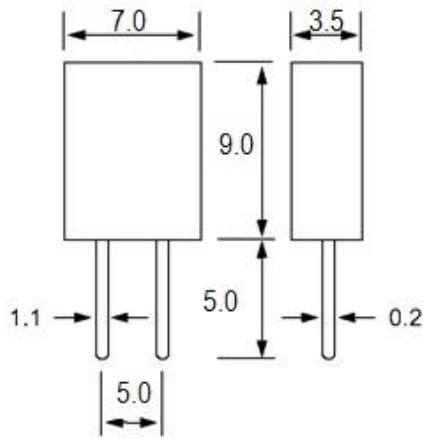


Figure 1) Top, and Side Views

**ZTB PCN**

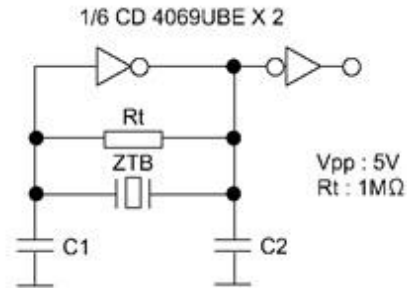


Figure 2) Test Circuit

**PART NUMBER: ZTB455E**



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SOLDER PROFILE
Peak solder Temp +230°C Max 5 sec Max.
Not compatible with reflow solder
MSL 1