# ZTH455Y

Ceramic Resonator

1 . SCOPE

This specification shall cover the characteristics of the ceramic resonator with 455KHz.

2 . SPECIFICATION No. : QJ/A64•01•0403

3 . PART No. : ZTH455Y

4 . ELECTRICAL SPECIFICATION

4.1 Oscillation Frequency (Fosc) : 455±2KHz

4.2 Resonant Impedance(Ro) : 15Ω max.

4.3 Capacitance (Co) : 280 PF±20%

4.4 Temperature Characteristics

of Oscillation Frequency : ±0.3% max.(-20℃to +80℃)

4.5 Rated Voltage : 50 V DC max.

4.6 Maximum Input Voltage : 15 Vp-p

4.7 Insulation Resistance : 1000 MΩmin.

5. Environmental Specification :

5.1 Lead Pull : 1KG load Terminal Direction Min.

5.2 Vibration : 600-3300rpm.1.5mm.x.y& z axes.1H Each Min.

5.3 Shock : Random Drop,30cm High Concrete Floor

5.4 Solderability : Dipping Terminals Into Molten Solder at

260±10℃ At 5±0.5 Sec.

5.5 Resistance to

Soldering Heat : Dipping Lead Terminals No Close Than 2mm

From the Sn 260 ±10℃ 3 Sec.

After 2H to Test

5.6 Heat Resistance : Keep In 80±2℃ Temp 90% Humidity For 100H

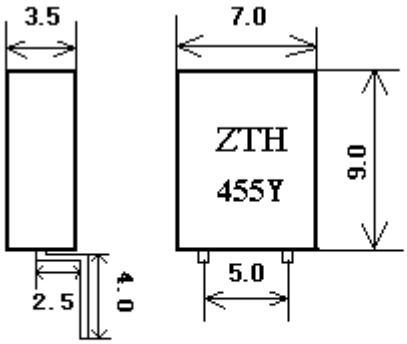
After 2H To Test.

5.7 Operation Temperature : -20℃to +80℃

5.8 Storage Temperature : 25 ± 5℃

5.9 Aging Rate : Fosc ±0.5% max.

6.Dimensions:(mm)




7. Test circuit