

规格书编号

SPEC NO :

# 产品规格书

# SPECIFICATION

CUSTOMER 客户: \_\_\_\_\_

PRODUCT 产品: \_\_\_\_\_ CERAMIC RESONATOR \_\_\_\_\_

MODEL NO 型号: \_\_\_\_\_ ZTB486E \_\_\_\_\_

MARKING 印字: \_\_\_\_\_ ZTB 486E \_\_\_\_\_

PREPARED 编制: \_\_\_\_\_ CHECKED 审核: \_\_\_\_\_

APPROVED 批准: \_\_\_\_\_ D A T E 日期: \_\_\_\_\_ 2015-10-28 \_\_\_\_\_

客户确认 CUSTOMER RECEIVED:		
审核 CHECKED	批准 APPROVED	日期 DATE

无锡市好达电子有限公司  
Shoulder Electronics Limited

## 更改历史记录 History Record

更改日期 Date	规格书编号 Spec. No.	产品型号 Part No.	客户产品型号 Customer No.	更改内容描述 Modify Content	备注 Remark

**1 . SCOPE**

This specification shall cover the characteristics of the ceramic resonator with 486KHz.

2 . SPECIFICATION No. : QJ/A64•50•1510

3 . PART No. : ZTB486E

**4 . ELECTRICAL SPECIFICATION**

4.1 Oscillation Frequency (Fosc) :  $486 \pm 2\text{KHz}$

4.2 Resonant Impedance(Ro) :  $20\Omega$  max.

4.3 Capacitance (Co) :  $260\text{PF} \pm 20\%$

**4.4 Temperature Characteristics**

of Oscillation Frequency :  $\pm 0.3\%$  max.(-20°C to +80°C)

4.5 Rated Voltage : 50 V DC max.

4.6 Maximum Input Voltage : 15 Vp-p

4.7 Insulation Resistance : 1000 MΩ min.

**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  
 $260 \pm 10^\circ\text{C}$  At  $5 \pm 0.5$  Sec.

**5.5 Resistance to**

Soldering Heat : Dipping Lead Terminals No Close Than 2mm  
From the Sn  $260 \pm 10^\circ\text{C}$  3 Sec.  
After 2H to Test

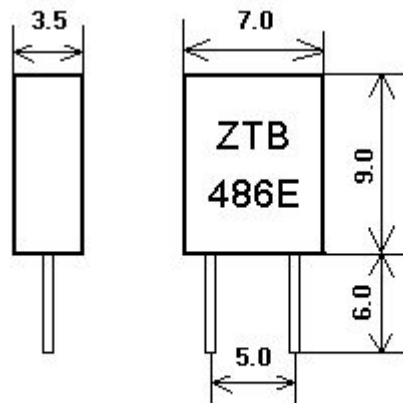
5.6 Heat Resistance : Keep In  $80 \pm 2^\circ\text{C}$  Temp 90% Humidity For 100H  
After 2H To Test.

5.7 Operation Temperature :  $-20^\circ\text{C}$  to  $+80^\circ\text{C}$

5.8 Storage Temperature :  $25 \pm 5^\circ\text{C}$

5.9 Aging Rate : Fosc  $\pm 0.5\%$  max.

**6.Dimensions:(mm)**



### 7. Test circuit

