

# YIC Ceramic Resonator (ZTB Series)

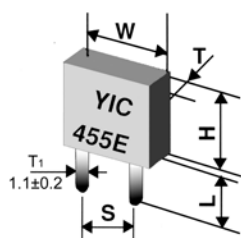
## ZTB Series of Ceramic Resonator

190-1250KHz

### ● TECHNICAL CHARACTERISTICS

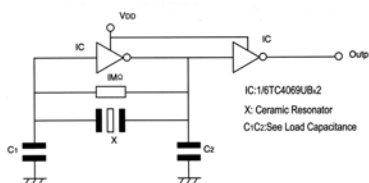
| Part Number  | Frequency Accuracy | Resonant Impedance( $\Omega$ ) | Stability in Temperature (-20~+80°C) | Aging For Ten Years | Load Capacitance |     |
|--------------|--------------------|--------------------------------|--------------------------------------|---------------------|------------------|-----|
|              |                    |                                |                                      |                     | C1               | C2  |
| ZTB190~249D  | $\pm 1\text{KHz}$  | $\leq 20$                      | $\pm 0.3\%$                          | $\pm 0.3\%$         | 330              | 470 |
| ZTB250~374D  | $\pm 1\text{KHz}$  | $\leq 20$                      | $\pm 0.3\%$                          | $\pm 0.3\%$         | 220              | 470 |
| ZTB375~429P  | $\pm 2\text{KHz}$  | $\leq 20$                      | $\pm 0.3\%$                          | $\pm 0.3\%$         | 120              | 470 |
| ZTB430~509E  | $\pm 2\text{KHz}$  | $\leq 20$                      | $\pm 0.3\%$                          | $\pm 0.3\%$         | 100              | 100 |
| ZTB510~699P  | $\pm 2\text{KHz}$  | $\leq 30$                      | $\pm 0.3\%$                          | $\pm 0.3\%$         | 100              | 100 |
| ZTB700~1250J | $\pm 0.5\%$        | $\leq 100$                     | $\pm 0.3\%$                          | $\pm 0.3\%$         | 100              | 100 |

\* 90 degree of bended lead type is available, for example ZTB455EB, .....



| Frequency range | Width W(mm) | Thickness T(mm) | Height H(mm) | Lead Space S(mm) | Lead Length L(mm) |
|-----------------|-------------|-----------------|--------------|------------------|-------------------|
| 190~249KHz      | 13.5        | 3.6             | 14.7         | 10.0             | 8.0               |
| 250~374KHz      | 11.0        | 3.6             | 12.2         | 7.7              | 7.0               |
| 375~429KHz      | 7.9         | 3.6             | 9.3          | 5.0              | 6.0               |
| 430~699KHz      | 7.0         | 3.5             | 9.0          | 5.0              | 4.0(6.0)          |
| 700~1250KHz     | 5.1         | 2.2             | 6.3          | 2.5              | 4.0               |

### ● TEST CIRCUIT



### ● CHARACTERISTICS

