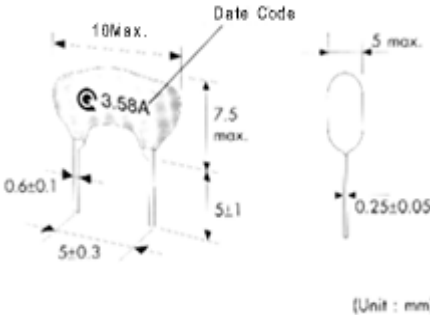
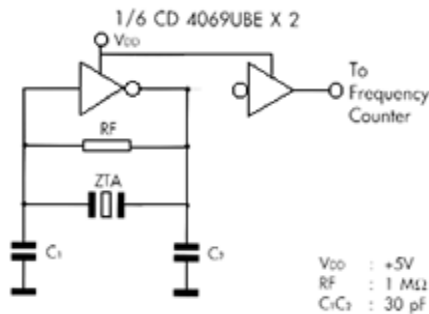


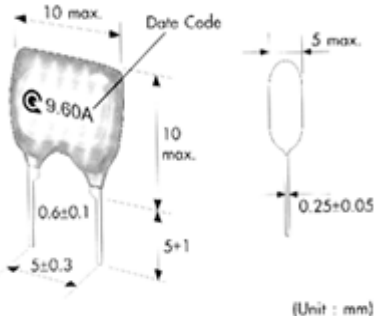
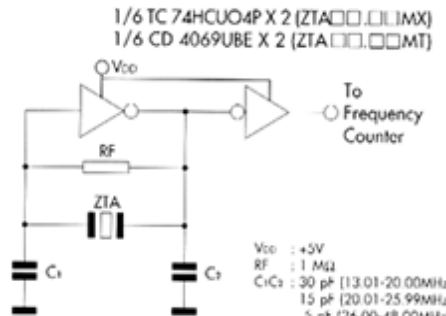
CERAMIC RESONATORS

ZTA series

ZTA series (2.00~4.99MHZ)

DIMENSIONS	TEST CIRCUIT DIAGRAM
 (Unit: mm)	 V_{cc} : +5V R_F : 1 MΩ C_1, C_2 : 30 pF

ZTA series (5.00~48.00MHZ)

DIMENSIONS	TEST CIRCUIT DIAGRAM
 (Unit: mm)	 V_{cc} : +5V R_F : 1 MΩ C_1, C_2 : 30 pF (13.01-20.00MHz) 15 pF (20.01-25.99MHz) 5 pF (26.00-48.00MHz)

PERFORMANCE INDEX

Part Number	ZTA□.□ □MG	ZTA□.□ □MG	ZTA□.□ □MG	ZTA□.□ □MT	ZTA□.□ □MT	ZTA□.□ □MX
Frequency Range(MHz)	2.00 ~ 2.99	3.00 ~ 3.49	3.50 ~ 4.99	5.00 ~ 6.99	7.00 ~ 13.00	13.01 ~ 48.00
Frequency Accuracy at 25℃	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5
Stability in Temperature -20℃ to +80℃(%)	±0.3	±0.3	±0.3	±0.3	±0.3	±0.3
Aging for Ten Years(%)	±0.3	±0.3	±0.3	±0.3	±0.3	±0.3
Resonant Resistance(Ω) max.	80	50	30	30	25	30
Withstanding Voltage(5 Seconds max.)	100V DC	100V DC	100V DC	100V DC	100V DC	100V DC
Insulation Resistance(Ω)	5 x 100 Ω Minimum (at 10V DC)	5 x 100 Ω Minimum (at 10V DC)	5 x 100 Ω Minimum (at 10V DC)	5 x 100 Ω Minimum (at 10V DC)	5 x 100 Ω Minimum (at 10V DC)	5 x 100 Ω Minimum (at 10V DC)