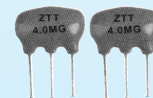


PRODUKT-INFO

ZTT SERIES RESONATOR

FEATURES

1. Built-in capacitor.
2. Wide frequency range.
3. Low Cost.
4. High Stability.
5. Small compact size.

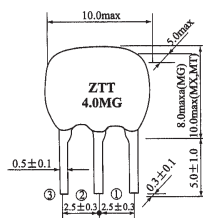


Actual Size

ELECTRICAL SPECIFICATIONS

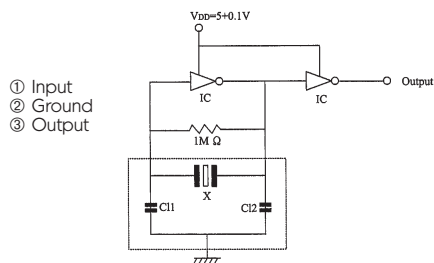
Model	ZTT ... MG			ZTT ... MT	ZTT ... MX
Frequency Range	1.8 to 2.99 MHz	3.0 to 3.49 MHz	3.5 to 5.99 MHz	6.0 to 12.99 MHz	13.0 to 50.0 MHz
Frequency Accuracy (at +25°C) (%)	±0.5	±0.5	±0.5	±0.5	±0.5
Stability in Temperature -20°C to +80°C (%)	±0.3	±0.3	±0.3	±0.3	±0.3
Aging for 10 years (%)	±0.3	±0.3	±0.3	±0.3	±0.3
Resonator Resistance (Ω) max.	80	50	30	25	35
Withstanding Voltage (5 sec. max.)	100V _{DC}	100V _{DC}	100V _{DC}	100V _{DC}	100V _{DC}
Insulation Resistance min. (at 10V _{DC})	5 x 10 ⁸ Ω	5 x 10 ⁸ Ω	5 x 10 ⁸ Ω	5 x 10 ⁸ Ω	5 x 10 ⁸ Ω

Dimensions (Units: mm)



10.0 x 10.0/15.0

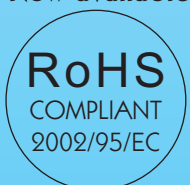
Test Circuit for MOS IC



IC: 1/6TC4069UBPX 2 (8.0 to 12.99 MHz)
 IC: 1/6TC74HCU04 (13.0 to 50.0 MHz)
 X: Ceramic Resonator
 CL1=CL2=30 pF ±20%

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