

Piezo-Ceramic Devices

ZTT-Type With Built-In Capacitor/ ZTA-Type Without Built-In Capacitor



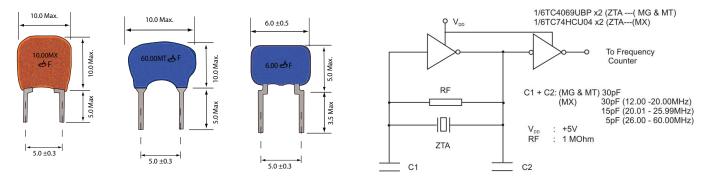
MHz Range Through Hole Mounted Ceramic Resonators

High temperature solder excemption
In accordance with RoHS 2002/95/EC Annex 7

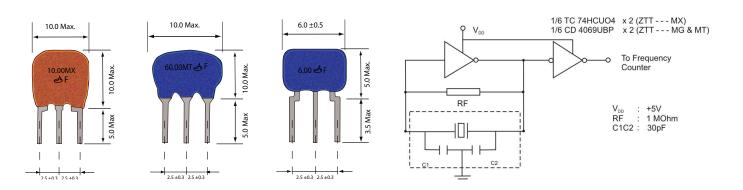
Current part - Recommended for new designs

Model Type			Frequency Range	Frequency Accuracy	Frequency Stability over OTR	Operating Temp. Range	Ageing over 10 Years
ZTA		MG	1.79 - 6.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTAWS		MG	1.79 - 6.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTALS		MG	3.00 - 8.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTARS		MG	3.00 - 10.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTA		MT	6.00 - 13.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTA		MX	12.00 - 60.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTT		MG	1.79 - 6.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTTWS		MG	1.79 - 6.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTTLS		MG	3.00 - 8.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTTRS		MG	3.00 - 10.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTT		MT	6.00 - 13.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%
ZTT		MX	12.00 - 60.00 MHz	±0.5% at 25°C	±0.3%	-25°C to +85°C	±0.3%

Dimensions (mm) Test Circuit



ZTA Type Resonator



ZTT Type Resonator

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