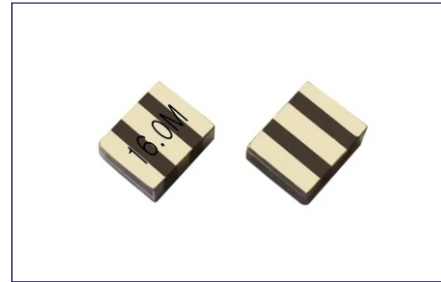


ZTT 2.2x1.8 to 7.4x3.4 SMD PACKAGE

PRODUCT FEATURES

- Frequency Range: 2MHz~60MHz
- High stability and adjustment-free
- Small size and SMD Package
- With Built-in Capacitor
- RoHS compliant

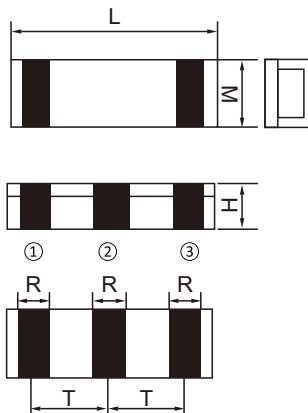
PRODUCT PHOTO



PRODUCT SPECIFICATIONS

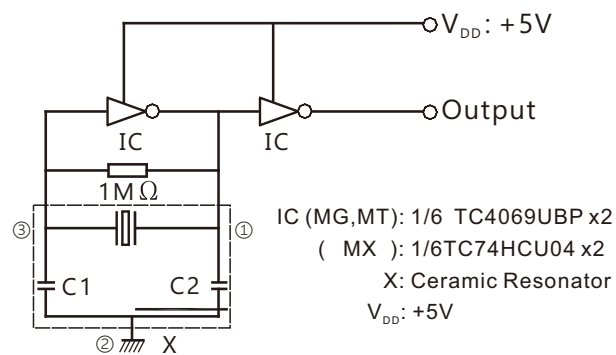
Part Number	Frequency Range (MHz)	Frequency Accuracy (25°C)(%)	Stability over Temperature (-25~+85°C)(%)	Operating Temperature (°C)	Aging for Ten Years (%)
HCTT1	2.00-8.00	±0.5	±0.3	-25~+85	±0.3
HCTT2	4.00-8.00	±0.5	±0.3	-25~+85	±0.3
HCTT3	8.00-12.00	±0.5	±0.3	-25~+85	±0.3
HCTT4	6.00-13.00	±0.5	±0.4	-25~+85	±0.3
HCTT5	8.00-13.00	±0.5	±0.4	-25~+85	±0.3
HCTT4	13.01-60.00	±0.5	±0.3	-25~+85	±0.3
HCTT5	16.00-60.00	±0.5	±0.3	-25~+85	±0.3
HCTT6	20.00-60.00	±0.5	±0.3	-25~+85	±0.3
HCTT7	24.00-60.00	±0.5	±0.3	-25~+85	±0.3
HCTT8	2.00-12.00	±0.5	±0.3	-25~+85	±0.3

PACKAGE OUTLINE / DIMENSIONS



① INPUT ② GROUND ③ OUTPUT

TEST CIRCUIT



Part Number	Size(mm)					
	L	W	H	P1	P2	T
HCTT1	7.4±0.2	3.4±0.2	1.8±0.2	1.2±0.2	1.2±0.2	2.5±0.2
HCTT2	4.5±0.2	2.0±0.2	1.2max	0.8±0.2	0.8±0.2	1.5±0.2
HCTT3	3.2±0.2	1.3±0.2	1.0max	0.4±0.2	0.4±0.2	1.2±0.2
HCTT4	4.7±0.2	4.1±0.2	(1.2+A)±0.2	1.0±0.2	0.8±0.2	1.95±0.2
HCTT5	3.7±0.2	3.1±0.2	(1.0+A)±0.2	0.9±0.2	0.7±0.2	1.5±0.2
HCTT6	2.5±0.2	2.0±0.2	1.2max	0.5±0.2	0.4±0.2	1.0±0.2
HCTT7	2.2±0.2	1.8±0.2	1.2max	0.4±0.2	0.5±0.2	0.85±0.2
HCTT8	6.0±0.2	3.0±0.2	2.0max	1.2±0.2	1.2±0.2	2.5±0.2

Note: A stands for thickness of the ceramic element, which varies with the frequency. The range of the thickness difference is 0.1 to 0.7mm.