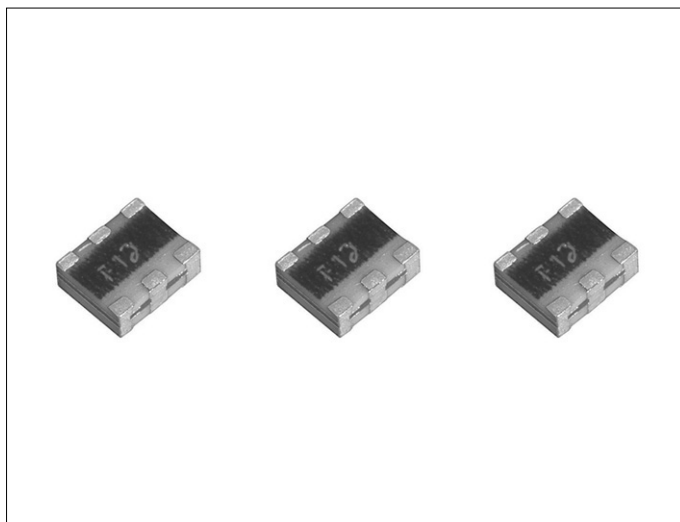


*Using breakthrough technology,
we aim for products that will create new markets.*

New Product News

Shape and land pattern are the de facto standard types

Small and low profile type



Ceramic Resonators

Ceramic Resonators, Chip Type (EIA "1008")

Industry/Field: Mobile communications, AV, OA/Information,
Home appliances, Optical equipment, Amusement

• Development Target:

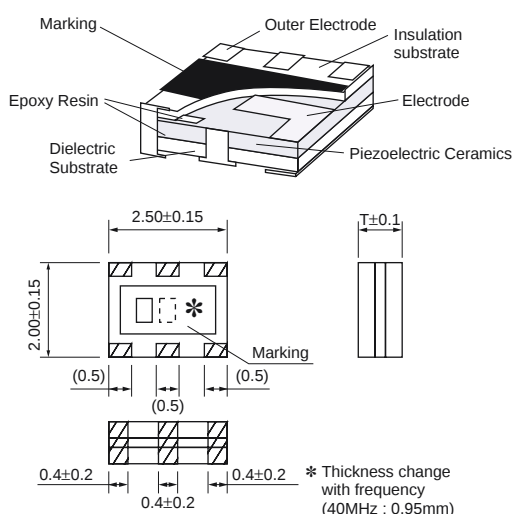
Correspond to making of commodity, for example HDD, thin

• Features:

- ① Small, low profile, and light
- ② For free lead
- ③ For wide-range frequency (16.0 to 50 MHz)

• Number of industrial property rights: 11

• Construction:



• Characteristics/specifications:

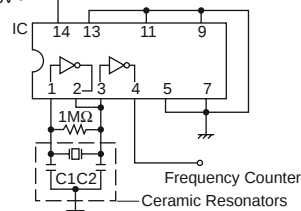
Item	Characteristics
Frequency Range	16.0 to 50.0 MHz
Frequency Tolerance	±0.5%
Temperature Characteristics	±0.2% (−20 to 80 °C)

• Applications/usage examples:

• Clock generator for microprocessors

Test Circuit Diagram : IC (μPD74HCU04)

For Oscillation Circuit +5V



• Explanation of part numbers:

1	2	3	4	5	6	7	8	9	10	11	12
E	F	J								B	
Product Code			Frequency					Design Number			
Type			Frequency					Frequency Tolerance			
C Built-In Capacitors Type			2005 20.0MHz					0 ±1.0%			
N General Purpose			3975 39.7MHz					3 ±0.3%			
			(Example)					5 ±0.5%			
Packaging Style Code											
Embossed Taping			Bulk			Built-in Capacitors					
J			H			0pF					
E			B			8pF					
F			C			16pF					