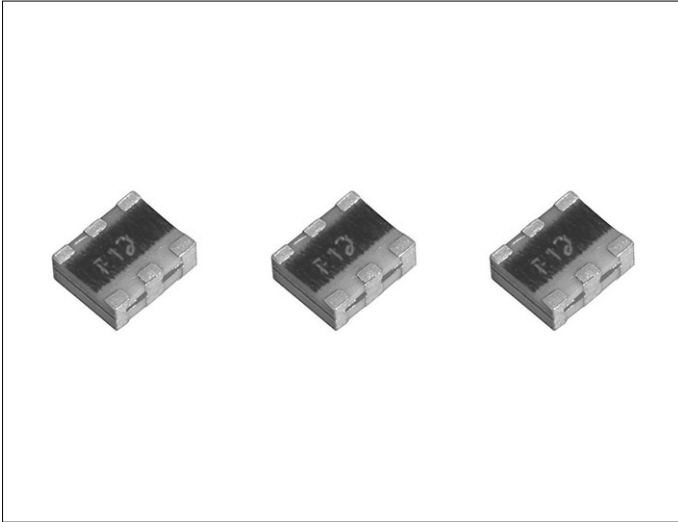


*Using breakthrough technology,  
we aim for products that will create new markets.*

## 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:**

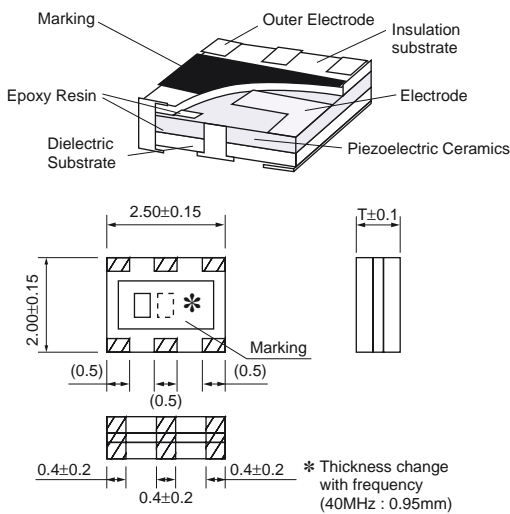
Correspond to making of commodity, for example HDD, thin

**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:**

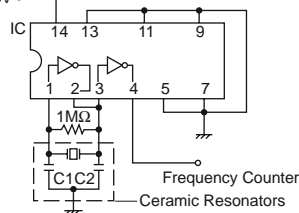
Item	Characteristics
Frequency Range	16.0 to 50.0 MHz
Frequency Tolerance	±0.5%
Temperature Characteristics	±0.2% (-20 to 80 °C)

**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		Type				Frequency		Design Number			
C	Built-In Capacitors Type		2005		20.0MHz		0		±1.0%		
N	General Purpose		3975		39.7MHz		3		±0.3%		
(Example)											
Packaging Style Code											
Embossed Taping			Bulk			Built-in Capacitors					
J			H			0pF					
E			B			8pF					
F			C			16pF					
						5			±0.5%		