

## Type:CBUP1005

### ◆ Product Description

- 1.15×0.65mm Max.(L×W),0.65mm Max. Height.
- DCR Range: 0.045~0.16Ω
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

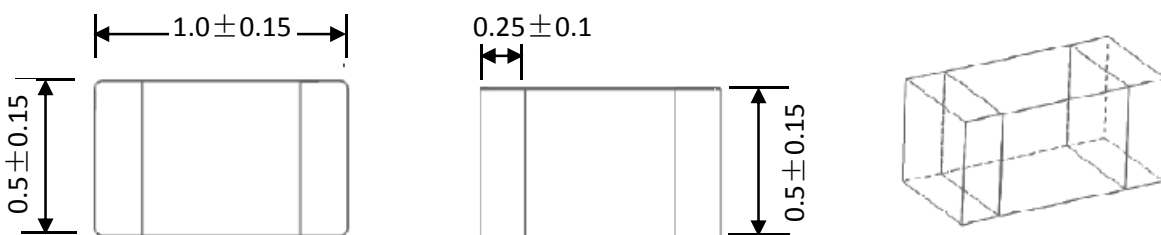
### ◆ Feature

- . Internal silver printed layers and magnetic shielded structures to minimize crosstalk.
- . Monolithic structure for excellent reliability
- . Smaller DC resistance and large allowable current than CBP series
- . Can be used in a wide range of frequency to suppress EMI

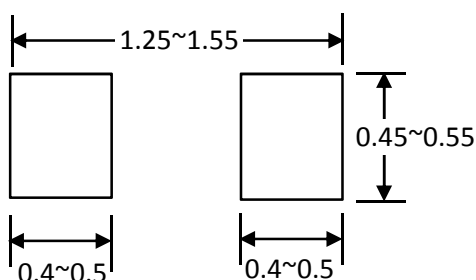
### ◆ Application

- . Noise suppression for power lines or large current signal lines of electric equipments, such as computers and communication equipments ,A/V equipments, auto electronics,and etc

### ◆ Dimensions (mm)

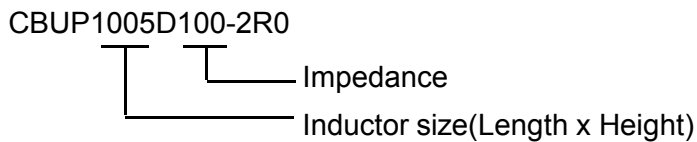


### ◆ Land Pattern (mm)



**Type:CBUP1005**
**◆ Specification**

Suntek Part Number	System Code	Impedance ( $\Omega$ )Z	Freq. MHz	DCR ( $\Omega$ ) Max.	Ir (mA) Max.	Thickness (mm)
CBUP1005D100-2R0		0~30	100	0.045	2000	0.5±0.15
CBUP1005D300-1R7		30±25%	101	0.050	1700	
CBUP1005D600-1R5		60±25%	102	0.075	1500	
CBUP1005D121-1R2		120±25%	103	0.090	1200	
CBUP1005D221-R90		220±25%	104	0.160	900	

**※Description of Part Name**


Note:

1. Operating Temperature is  $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ .
2. Rated current :In operating temperatures exceeding  $+85^{\circ}\text{C}$ , derating of current is necessary for chip ferrite beads for which rated current is 1000mA and over .