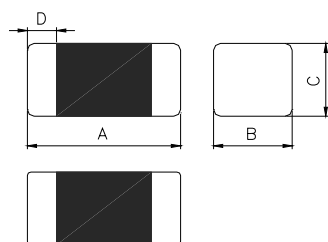


## 1. Features

1. 2.0x1.6 mm and 1 mm in height (very compact size): CAE and fine printing technology made this compact size possible
2. Stable minimum DC resistance in the class.
3. High speed mounting: Using SMT mounter makes less than a second mounting possible.
4. Excellent mounting strength by SMD chip making.
5. Reduced noise over 2/3 of coil inductor by optimal design of CAD  
Completely lead-free product and support lead-free solder.
6. Operating Temperature:-55~+105℃ (Including self-temperature rise)



## 2. Dimensions



Chip Size	
A	2.00±0.20
B	1.60±0.20
C	1.00 max.
D	0.50±0.30

Units: mm

## 3. Part Numbering

CPI
201610
U
F
-
4R7
M
-
0A9

A: Series  
 B: Dimension  
 C: Category Code  
 D: Material  
 E: Inductance  
 F: Inductance Tolerance  
 G: Rated Current

Lead Free Material  
 4R7=4.7uH  
 M=±20%  
 0A9=900mA

## 4. Specification

Tai-Tech Part Number	Inductance(uH)	Test Frequency (Hz)	Rated Current (mA) max.	DCR(Ω)	
				max.	typ.
CPI201610UF-1R0M-1A3	1.00±20%	1M / 60mV	1300	0.12	0.09
CPI201610UF-2R2M-1A2	2.20±20%	1M / 60mV	1200	0.14	0.11
CPI201610UF-4R7M-0A9	4.70±20%	1M / 60mV	900	0.20	0.16

- Rated current: based on temperature rise test
- In compliance with EIA 595

## Typical Inductance v.s. Frequency Curve

