

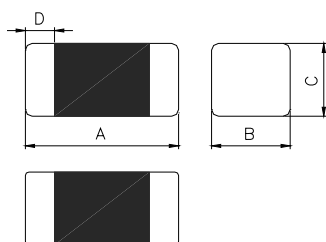
1. Features

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



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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 B C D E F G

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

