

1 Scope

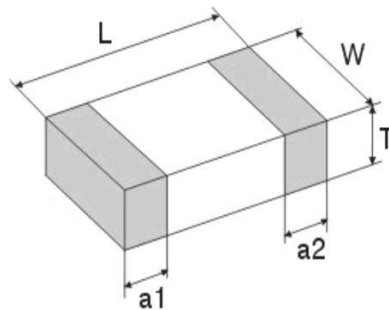
This specification applies to the HDCI series of multilayer chip ceramic inductors.

2 Product Identification

HDCI 2012 H 10N J T - LF
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Product Symbol
- ② Dimensions
- ③ Material Code
- ④ Inductance Value(10N: 10nH; R10: 100nH;)
- ⑤ Inductance Tolerance(C: $\pm 0.2\text{nH}$;S: $\pm 0.3\text{nH}$;D: $\pm 0.5\text{nH}$;G: $\pm 2\%$;J: $\pm 5\%$;K: $\pm 10\%$;))
- ⑥ Packaging Style (B: Bulk; T: Tape & Reel)
- ⑦ Lead Free

3 Appearance, Dimensions and Material



Type	Dimensions (mm) [inch]			
	L	W	T	a1, a2
0603 [0201]	0.60 \pm 0.05 [0.024 \pm 0.002]	0.30 \pm 0.05 [0.012 \pm 0.002]	0.30 \pm 0.05 [0.012 \pm 0.002]	0.10—0.20 [0.004~0.008]
1005 [0402]	1.0 \pm 0.15 [0.04 \pm 0.006]	0.50 \pm 0.15 [0.02 \pm 0.006]	0.50 \pm 0.15 [0.02 \pm 0.006]	0.25 \pm 0.10 [0.01 \pm 0.004]
1608 [0603]	1.60 \pm 0.15 [0.063 \pm 0.006]	0.80 \pm 0.15 [0.031 \pm 0.006]	0.80 \pm 0.15 [0.031 \pm 0.006]	0.30 \pm 0.20 [0.012 \pm 0.008]
2012 [0805]	2.0 \pm 0.20 [0.079 \pm 0.008]	1.25 \pm 0.20 [0.049 \pm 0.008]	0.85 \pm 0.20 [0.033 \pm 0.008]	0.50 \pm 0.30 [0.02 \pm 0.012]