

## 1 Scope

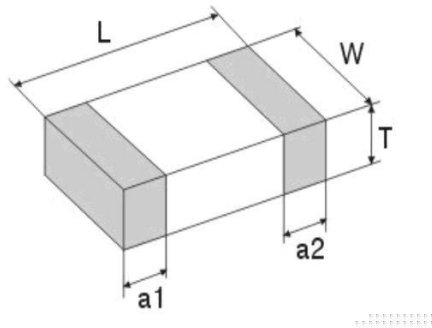
This specification applies to the HDCI series of multilayer chip ceramic inductors.

## 2 Product Identification

HDCI    1608    H    1N0    S    T - LF  
 ①        ②        ③        ④        ⑤        ⑥        ⑦

- ① Product Symbol
- ② Dimensions (3)
- ③ Material Code (T)
- ④ Inductance Value(1N0: 1.0nH; 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                                 |
| 1608<br>[0603] | 1.60 $\pm$ 0.15<br>[0.063 $\pm$ 0.006] | 0.80 $\pm$ 0.15<br>[0.031 $\pm$ 0.006] | 0.80 $\pm$ 0.15<br>[0.031 $\pm$ 0.006] | 0.30 $\pm$ 0.20<br>[0.012 $\pm$ 0.008] |