

## ■ 特徴 / Features

1. 2.0×2.0×0.8mmの小型・薄型の巻線タイプです。
  2. 鉛フリー対応。
  3. RoHS対応。
  4. 耐衝撃構造。
1. Winding type, compact and slim model of 2.0 x 2.0 x 0.8 mm (L x W x T).
  2. Lead-free type.
  3. Complying with the RoHS Directive.
  4. Shock resistance structure.

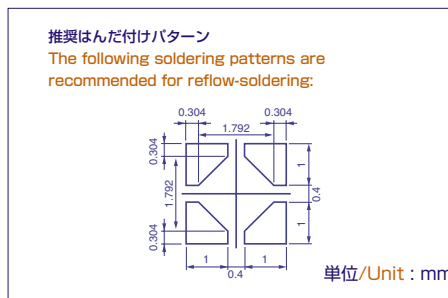
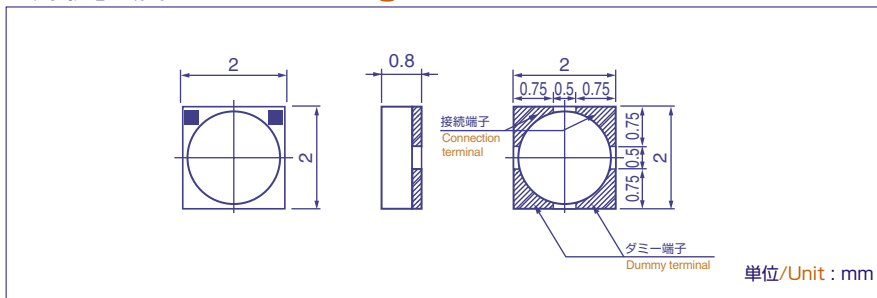
## ● 特性 / Characteristics

| Types       | 公称インダクタンス <sup>※1</sup><br>Nominal Inductance (H) | インダクタンス許容差<br>Inductance Tolerance | 直流抵抗<br>DC Resistance (mΩ) | 許容電流 <sup>※2</sup><br>Allowable Current Idc (mA) | 自己共振周波数<br>Self-resonant frequency [Typ] (MHz) |
|-------------|---|------------------------------------|----------------------------|--|--|
| CI2020A1R0M | 1.0μ  | ±20%                               | 100±20%                    | 1600   | 150  |
| CI2020A1R5M | 1.5μ  | ±20%                               | 145±20%                    | 1330   | 100  |
| CI2020A2R2M | 2.2μ  | ±20%                               | 210±20%                    | 1140   | 80   |
| CI2020A3R3M | 3.3μ  | ±20%                               | 280±20%                    | 930  | 65   |
| CI2020A4R7M | 4.7μ  | ±20%                               | 420±20%                    | 770  | 55   |
| CI2020A6R8M | 6.8μ  | ±20%                               | 545±20%                    | 670  | 50   |
| CI2020A100M | 10μ   | ±20%                               | 790±20%                    | 640  | 40   |

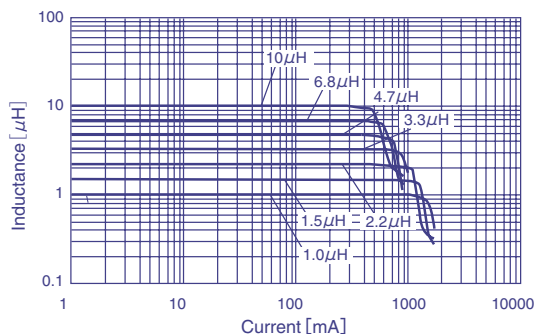
※1 測定条件/Measuring conditions : 100kHz, 25℃

※2 許容電流は、インダクタンスが初期値より30%低下する直流重畳電流値 (at 25℃)/Allowable current respectively is set to a value which is decreased to 30% below each initial value of inductance (at 25℃)

## ● 外形寸法図 / Outline drawing



## ● インダクタンス直流電流重畳特性 Inductance DC bias characteristics



## ● インピーダンス周波数特性 Impedance-frequency characteristics

