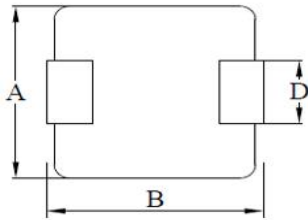


**Product:** 一体成型电感

**Series:** 0412

**Dimension:** [Unit: mm]



| 0412<br>系列 | Dimensions<br>(mm) |
|------------|--------------------|
| A          | 4.2±0.25           |
| B          | 4.4±0.35           |
| C          | 1.2 MAX            |
| D          | 2.0±0.5            |
| E          | 0.8±0.5            |
| MPQ        | 3000PCS            |



**GENERAL SPECIFICATIONS:**

| P/N                 | 感值<br>(L) | DCR   |       | 温升电流<br>(Irms) | 饱和电流<br>(ISAT) |
|---------------------|-----------|-------|-------|----------------|----------------|
|                     | μH        | mΩ    |       | A              | A              |
|                     | ±20%      | typ.  | Max.  | Typ.           | Typ.           |
| PSPMAA0412-R15M-ANP | 0.15      | 7.0   | 9.0   | 7.5            | 15.0           |
| PSPMAA0412-R22M-ANP | 0.22      | 9.0   | 11.0  | 7.0            | 11.0           |
| PSPMAA0412-R33M-ANP | 0.33      | 17.0  | 19.0  | 6.5            | 8.4            |
| PSPMAA0412-R47M-ANP | 0.47      | 19.0  | 21.0  | 6.0            | 6.8            |
| PSPMAA0412-R68M-ANP | 0.68      | 32.0  | 36.0  | 4.7            | 6.0            |
| PSPMAA0412-1R0M-ANP | 1.00      | 43.0  | 70.0  | 4.5            | 5.5            |
| PSPMAA0412-1R5M-ANP | 1.50      | 68.0  | 75.0  | 3.3            | 4.0            |
| PSPMAA0412-2R2M-ANP | 2.20      | 79.4  | 83.5  | 2.8            | 3.5            |
| PSPMAA0412-4R7M-ANP | 4.70      | 170.0 | 195.0 | 1.8            | 2.5            |

**备注:**

- © 测试频率:100kHz/1V
- © 测试数据基于环境温度25°C取得
- © 加载饱和电流 (ISAT) 会使电感量下降大约35%
- © 加载温升电流 (Irms) 会使电感量温度上升大约40°C (上升温度+初始温度=电感最终承受温度)
- © 工作电流 (IDC) 取值于温升电流 (Irms) 与饱和电流 (ISAT) 二者最小值
- © 电感工作环境温度: -40°C~125°C, 产品最终承受温度不得高于125°C
- © 系列规格书只用于电感一般特性的参考, 产品适用场景及更详细的参数请向我司索取单颗产品的规格书

PROD TECHNOLOGY CO., LTD.

TEL :0755-86667379

<http://www.prodtech.cn>



E-LIVEN TECHNOLOGY CO., LTD.

NO.28 ho-cheng RD,bade city,taoyuan,  
taiwan