

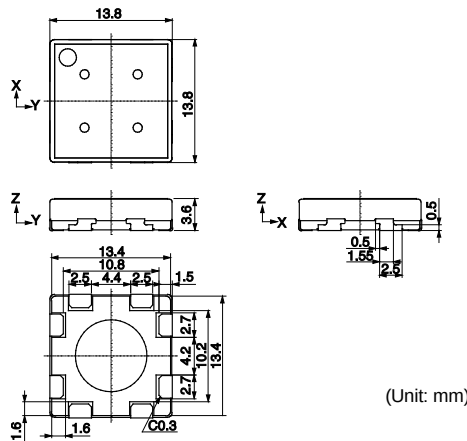
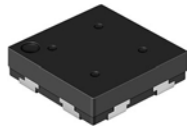
## TYPE SA3D14

AEC-Q200

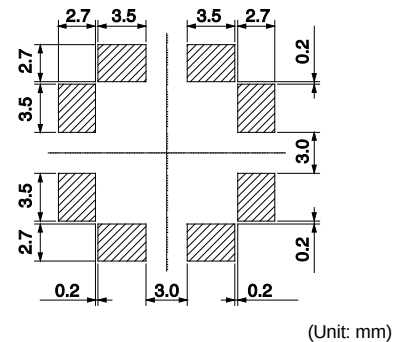
85°C

RoHS

REACH



### Recommended patterns 推荐焊盘尺寸



### Features

- High reliability conforms to automotive applications.
- Encapsulated core and winding for anti-shock proof.
- High Q and high sensivity due to optimaized magnetic material and electrode structure.
- Wide inductance range for design flexibility.
- Triaxial LF antenna coil.
- Applicable to reflow soldering.
- AEC-Q200 compliant.

### 特点

- 符合车载的高可靠性。
- 磁芯和卷线部树脂密封，耐冲击构造。
- 独特的磁芯和电极结构实现高Q值高灵敏度。
- 宽泛的电感值范围，设计灵活。
- 3轴低频天线线圈。
- 适合回流焊接。
- 符合AEC-Q200

### Applications

- Suitable as a Transponder Antenna Coil for Keyless Entry System. (Vehicle application)
- Operating temperature (− 40°C~+85°C)

### 应用

- 适合用作智能门禁系统的收发天线线圈（车载应用）
- 使用温度范围：−40 ~ +85°C

## SELECTION GUIDE FOR STANDARD TRANSFORMERS

### TYPE SA3D14

| 零件号码                     | 测试频率                 | X轴                                                          |                 | Y轴                |                 | Z轴                |                 | 公差            |
|--------------------------|----------------------|-------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|-----------------|---------------|
| Part Number              | Test Frequency (kHz) | Inductance L (mH)                                           | Unloaded Q Min. | Inductance L (mH) | Unloaded Q Min. | Inductance L (mH) | Unloaded Q Min. | Tolerance (%) |
| 1085CAN-222J=P3          | 125                  | 2.2                                                         | 20              | 2.2               | 20              | 2.2               | 20              | ±5            |
| 1085CAN-272J=P3          | 125                  | 2.7                                                         | 20              | 2.7               | 20              | 2.7               | 20              | ±5            |
| 1085CAN-392J=P3          | 125                  | 3.9                                                         | 20              | 3.9               | 20              | 3.9               | 20              | ±5            |
| 1085CAN-452J=P3          | 125                  | 4.5                                                         | 20              | 4.5               | 20              | 4.5               | 20              | ±5            |
| 1085CAN-472J=P3          | 125                  | 4.7                                                         | 20              | 4.7               | 20              | 4.7               | 20              | ±5            |
| 1085CAN-602J=P3          | 125                  | 6.0                                                         | 20              | 6.0               | 20              | 6.0               | 20              | ±5            |
| 1085CAN-2145=P3          | 125                  | 6.3                                                         | 20              | 6.3               | 20              | 9.0               | 20              | ±5            |
| 1085BAN-222J=P3          | 134.2                | 2.2                                                         | 25              | 2.2               | 25              | 2.2               | 25              | ±5            |
| 1085BAN-272J=P3          | 134.2                | 2.7                                                         | 25              | 2.7               | 25              | 2.7               | 25              | ±5            |
| 1085BAN-392J=P3          | 134.2                | 3.9                                                         | 25              | 3.9               | 25              | 3.9               | 25              | ±5            |
| 1085BAN-452J=P3          | 134.2                | 4.5                                                         | 25              | 4.5               | 25              | 4.5               | 25              | ±5            |
| 1085BAN-472J=P3          | 134.2                | 4.7                                                         | 25              | 4.7               | 25              | 4.7               | 25              | ±5            |
| 1085BAN-602J=P3          | 134.2                | 6.0                                                         | 25              | 6.0               | 25              | 6.0               | 25              | ±5            |
| 1085BAN-2239=P3          | 134.2                | 4.5                                                         | 25              | 4.5               | 25              | 7.6               | 25              | ±5            |
| Inductance range<br>电感范围 |                      | X: 1.0 ~ 6.3 (mH)<br>Y: 1.0 ~ 6.3 (mH)<br>Z: 1.0 ~ 9.0 (mH) |                 |                   |                 |                   |                 |               |

If you are looking for inductance other than the above, please contact us.

如果您寻找的电感值不在上述电感值之列，请与我们联系。