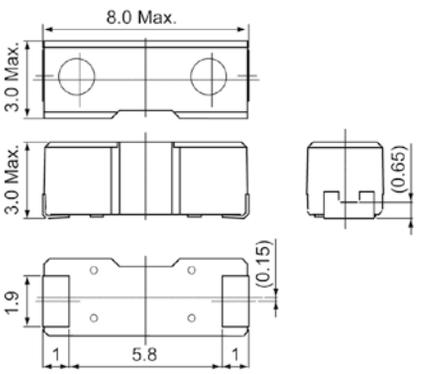
Transponder Coils for Surface Mounting
表面贴装型收发线圈

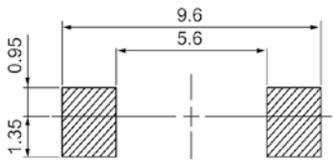
TYPE SA3M08

RoHS REACH



(Unit: mm)

Recommended patterns
推荐焊盘尺寸



(Unit: mm)

Features

- High reliability conforms to automotive applications.
- Encapsulated core and winding for anti-shock proof.
- High Q and high sensivility due to optimaized magnetic material and electrode structure.
- Wide inductance range for desigh flexibility.
- 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。
- 适合回流焊接。
- 符合AEC-Q200

Applications

- Suitable as a Transponder Antenna Coil for TPMS and Keyless Entry System. (Vehicle application)
- Operating temperature (− 40°C~+125°C)

应　　用

- 适合用作TPMS和智能门禁系统的收发天线线圈（车载应用）
- 使用温度范围：－40 ～ ＋125°C

SELECTION GUIDE FOR STANDARD TRANSFORMERS

TYPE SA3M08

零件号码	电感值	测试频率	公差	Q值
Part Number	**Inductance L (mH)**	**Test Frequency (kHz)**	**Tolerance (%)**	**Unloaded Q Min.**
1143AA-102J=P3	1.0	125	±5	25
1143AA-122J=P3	1.2	125	±5	25
1143AA-152J=P3	1.5	125	±5	25
1143AA-182J=P3	1.8	125	±5	25
1143AA-222J=P3	2.2	125	±5	30
1143AA-272J=P3	2.7	125	±5	30
1143AA-332J=P3	3.3	125	±5	35
1143AA-392J=P3	3.9	125	±5	35
1143AA-472J=P3	4.7	125	±5	30
1143AA-562J=P3	5.6	125	±5	30
1143AA-682J=P3	6.8	125	±5	35
1143AA-722J=P3	7.2	125	±5	30
1143AA-752J=P3	7.5	125	±5	30
1143AA-822J=P3	8.2	125	±5	30
1143AA-952J=P3	9.5	125	±5	30
1143AA-103J=P3	10	125	±5	30
1143AA-123J=P3	12	125	±5	35
1143AA-153J=P3	15	125	±5	35
1143AA-183J=P3	18	125	±5	35

Inductance range 电感范围 : 1.0 ～18 (mH)

Parts tested at 134.2kHz are also available with prefix A in front of the part number.
部分产品的测试频率为134.2kHz，对这部分产品，会在产品编号前面加上字母“A”。
(example) 1143AA-102J=P3 (test frequency:125kHz), A1143AA-102J=P3 (test frequency:134.2kHz)

Please contact us for other inductance values not listed.
如果您寻找的电感值不在上述电感值之列，请与我们联系。