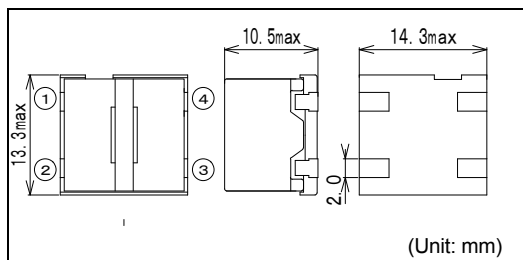
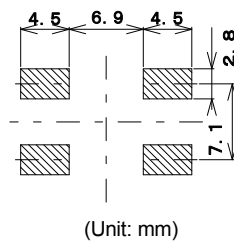


HEAW/HEAWS

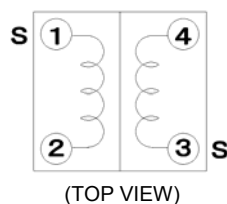
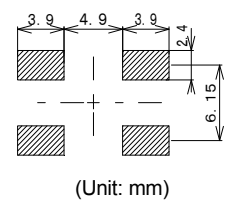
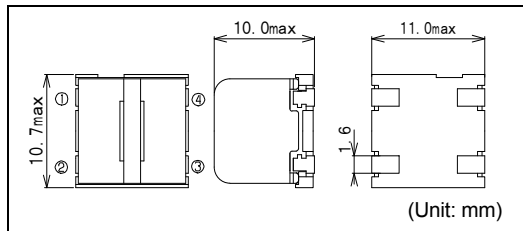
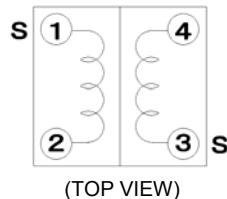
Inductance Range: 10 μ H \times 2



Recommended patterns
推荐焊盘尺寸



PIN connections
连接图



FEATURES 特点

- Less space by "2 coils in 1unit" structure
- High reliability for automotive application.
- Pin coplanarity is less than 0.1mm.
- High quality sound by use of oxygen free copper wire.
- Suitable for large current.
- AEC-Q200 compliant.
- RoHS compliant.
- “2线圈置于1单元”结构节省空间。
- 面向车载应用的高可靠性。
- 低于0.1mm的插脚平坦性。
- 使用无氧铜线的高音质。
- 适用于大电流。
- 符合AEC-Q200。
- 符合RoHS指令。

TOKO STANDARD PART NUMBERS 东光标准零件号码

TYPE HEAW (2coils in 1unit)

东光零件号码	电感值 ⁽¹⁾	公差	最大直流电阻 ⁽²⁾	最大电感值减小电流 ⁽³⁾	最大温度上升电流 ⁽³⁾
TOKO Part Number	Inductance ⁽¹⁾ L(μ H)	Tolerance (%)	DC Resistance ⁽²⁾ (m Ω) Max. (Typ. Value at room temp.)	Inductance Decrease Current ⁽³⁾ (A) Max. $\frac{\Delta L}{L} = 10\%$	Temperature Rise Current ⁽⁴⁾ $\Delta T = 40^\circ\text{C}$ (A) Max.
1155EA-0001	10.0	± 25	35.0 (22.0)	4.2	3.0

TYPE HEAWS (2coils in 1unit)

东光零件号码	电感值 ⁽¹⁾	公差	最大直流电阻 ⁽²⁾	最大电感值减小电流 ⁽³⁾	最大温度上升电流 ⁽³⁾
TOKO Part Number	Inductance ⁽¹⁾ L(μ H)	Tolerance (%)	DC Resistance ⁽²⁾ (m Ω) Max. (Typ. Value at room temp.)	Inductance Decrease Current ⁽³⁾ (A) Max. $\frac{\Delta L}{L} = 10\%$	Temperature Rise Current ⁽⁴⁾ $\Delta T = 40^\circ\text{C}$ (A) Max.
1211EA-1004	10.0	± 25	35.0 (22.0)	3.0	2.8

- (1) Inductance is measured with a LCR meter 4284A (Agilent Technologies) or equivalent. Test frequency at 100kHz.
- (2) DC resistance is measured with a Digital Multimeter TR6871 (Advantest) or equivalent.
- (3) Inductance decrease current based upon 10% inductance reduction from the initial value.
- (4) Temperature rise current is that which coil temperature rises by 40°C. (Two built-in coils are connected in series, when measuring.)

- (1) 使用LCR仪表4284A (Agilent 技术) 或者功能相同的仪器测试电感值。测试频率为100kHz。
- (2) 使用数码万用表TR6871(Advantest)或者功能相同的工具测试直流电阻。
- (3) 电感值减小电流基于电感值从最初值降低10%。
- (4) 温度上升电流是温度上升40°C (2内置线圈在测量时是串联。)

※The electrical characteristics specification above shall be achieved in -40 to +85°C. ※上述电气的性能规格在-40~+85°C温度范围内全部得以确保。