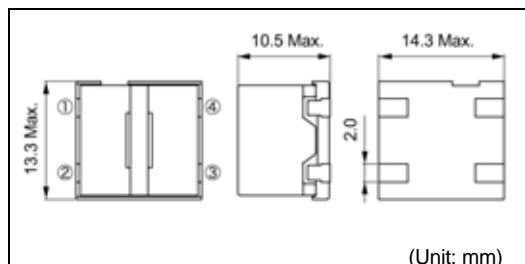
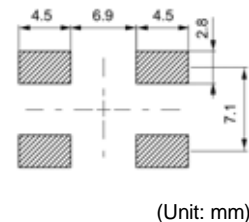


HEAW/HEAWS

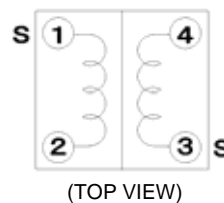
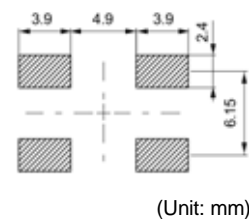
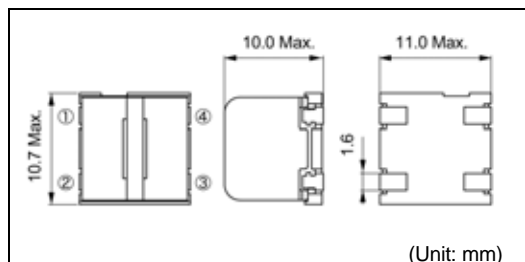
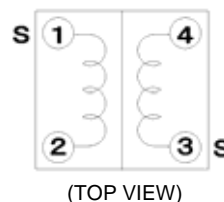
Inductance Range: 10 μ H \times 2



Recommended patterns
推奨パターン図



PIN connections
接続図



FEATURES 特長

- 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.
- 2in1構造による省スペース
- 車載機器向け高信頼性
- 端子平坦性0.1mm以下を実現
- 無酸素銅線採用による高音質対応
- 大電流対応
- AEC-Q200対応
- RoHS指令対応

TOKO STANDARD PART NUMBERS 東光 標準品一覧

TYPE HEAW (2coils in 1unit)

| 東光品番 | インダクタンス ⁽¹⁾ | 許容差 | 直流抵抗 ⁽²⁾ | 直流重畳許容電流 ⁽³⁾ | 温度上昇許容電流 ⁽⁴⁾ |
|------------------|--|---------------|--|---|--|
| TOKO Part Number | Inductance ⁽¹⁾ L(μ H) | Tolerance (%) | DC Resistance ⁽²⁾ (m Ω) Max. (Typ. Value at room temp.) | Inductance Decrease Current ⁽³⁾ Max. $\frac{\Delta L}{L} = 25\%$ (Typ. Value at room temp.) | Temperature Rise Current ⁽⁴⁾ $\Delta T = 40^\circ\text{C}$ (A) Max. (Typ. Value at room temp.) |
| 1155EA-0001 | 10.0 | ± 20 | 25.0 (22.0) | 7.2(9.2) | 3.0(3.8) |

TYPE HEAWS (2coils in 1unit)

| 東光品番 | インダクタンス ⁽¹⁾ | 許容差 | 直流抵抗 ⁽²⁾ | 直流重畳許容電流 ⁽³⁾ | 温度上昇許容電流 ⁽⁴⁾ |
|------------------|--|---------------|--|---|---|
| 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. $\frac{\Delta L}{L} = 25\%$ (Typ. Value at room temp.) | Temperature Rise Current ⁽⁴⁾ $\Delta T = 40^\circ\text{C}$ (A) Max (Typ. Value at room temp.) |
| 1211EA-1004 | 10.0 | ± 20 | 25.0 (22.0) | 5.0 (6.4) | 2.8 (3.6) |

- (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 25% 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) インダクタンスはLCRメータ4284A (Agilent Technologies) または同等品により測定する。測定周波数は100kHz。
- (2) 直流抵抗値はデジタルマルチメータTR6871 (Advantest) 又は同等品にて測定する。
- (3) 直流重畳許容電流：直流電流を流した時インダクタンスの値が初期値より25%減少する電流値。
- (4) 温度上昇許容電流は直流電流を流した時に40°C温度が上昇する電流値 (内蔵された2つのコイルは直列接続し通電)。

※The electrical characteristics specification above shall be achieved in25°C. ※上記の電気的性能規格は25°Cの保証となります。