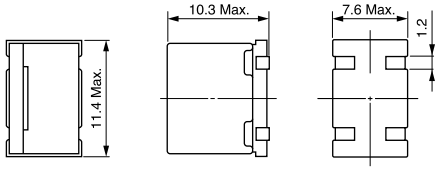
EAS30S/EAW30S

Inductance: 10µH~22µH (EAS30S), 10µH×2~22µH×2 (EAW30S)

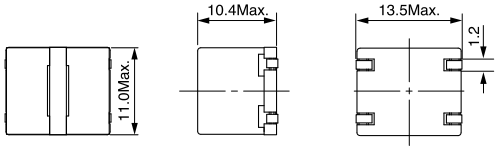
DIMENSIONS／外形寸法図

EAS30S



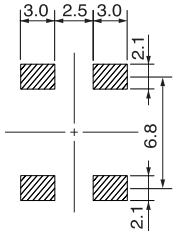
(Unit: mm)

EAW30S

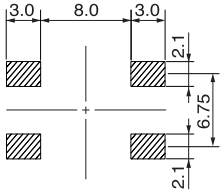


(Unit: mm)

Recommended patterns
推奨パターン図



(Unit: mm)



(Unit: mm)

FEATURES／特長

- High sound quality, low distortion, and low heat generation
- EAS30S: 1coil in 1unit structure and EAW30S: 2 coils in 1unit structure are line up.
- A magnetically shielded structure prevents radiation noise
- RoHS compliant

- **低歪率、低発熱の高音質重視品**
- **2in1構造のEAW30Sに加え1in1構造のEAS30Sをラインナップ**
- **放射ノイズを防ぐ閉磁路（防磁）構造**
- **RoHS指令対応品**

SELECTION GUIDE FOR STANDARD COILS

TYPE EAS30S (1coil 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(µH)	Tolerance (%)	DC Resistance(2) (mΩ) Max.	Inductance Decrease Current(3) (A) Max. $\frac{\Delta L}{L}$ =10%	Temperature Rise Current(4) ΔT=40°C (A) Max.
1168ER-0002	10.0	± 20	25.0	8.0	3.8
1168ER-0001	22.0	± 20	25.0	3.3	4.0

TYPE EAW30S (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(µH)	Tolerance (%)	DC Resistance(2) (mΩ) Max.	Inductance Decrease Current(3) (A) Max. $\frac{\Delta L}{L}$ =10%	Temperature Rise Current(4) ΔT=40°C (A) Max.
1107ER-0017	10×2	± 20	25.0	8.0	3.8
1107ER-0018	22×2	± 20	25.0	3.3	4.0

(1) Inductance is measured with a LCR meter 4284A* 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 based upon 40°C temperature rise. (Reference ambient temperature 20°C)
*Agilent Technologies

(1) **インダクタンスは**LCR**メータ**4284A***または同等品により測定する。測定周波数は**100kHz**です。**
(2) **直流抵抗はデジタルマルチメータ**TR6871（Advantest）**または同等品により測定する**
(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**10%**減少する電流値**
(4) **温度上昇許容電流：直流電流を流した時コイルの温度が**40**℃上昇する電流値（周囲温度**20**℃を基準とする。）**
*Agilent Technologies