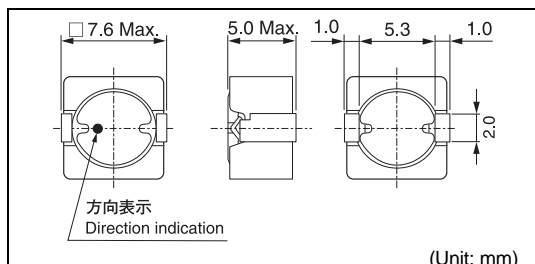
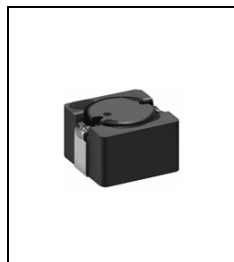


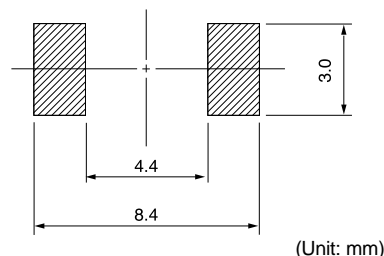
DS75LC

Inductance Range: 1.0~470μH

DIMENSIONS / 外形寸法図



Recommended patterns 推奨パターン図



FEATURES / 特長

- 7.6 mm Max. square and 5.0 mm Max. height.
- Magnetically shielded construction and low DC resistance.
- Suitable for large currents.
- RoHS compliant.
- 7.6mm角Max.、高さ5.0mm Max.
- 閉磁路構造、低直流抵抗
- 大電流対応
- RoHS指令対応

SELECTION GUIDE FOR STANDARD COILS

TYPE DS75LC (Quantity/reel; 1000 PCS)

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 ⁽³⁾
TOKO Part Number	Inductance ⁽¹⁾ (μH)	Tolerance (%)	DC Resistance ⁽²⁾ (mΩ) Max.	Inductance Decrease Current ⁽³⁾ (A) Max. $\frac{\Delta L}{L} = 10\%$	Temperature Rise Current ⁽³⁾ ΔT=40°C (A) Max.
B1047AS-1R0N	1.0	± 30	12	7.1	6.4
B1047AS-1R5N	1.5	± 30	14	5.9	5.9
B1047AS-2R2N	2.2	± 30	16	5.0	5.5
B1047AS-2R7N	2.7	± 30	18	4.4	5.1
B1047AS-3R6N	3.6	± 30	23	3.8	4.4
B1047AS-4R7N	4.7	± 30	26	3.5	4.1
B1047AS-6R8N	6.8	± 30	36	2.9	3.4
B1047AS-100M	10.0	± 20	53	2.3	2.7
B1047AS-150M	15.0	± 20	71	1.9	2.2
B1047AS-220M	22.0	± 20	120	1.6	1.8
B1047AS-330M	33.0	± 20	170	1.3	1.5
B1047AS-470M	47.0	± 20	200	1.1	1.3
B1047AS-680M	68.0	± 20	280	0.9	1.0
B1047AS-101M	100.0	± 20	460	0.72	0.77
B1047AS-151M	150.0	± 20	710	0.59	0.60
B1047AS-221M	220.0	± 20	1100	0.48	0.47
B1047AS-331M	330.0	± 20	1400	0.40	0.41
B1047AS-471M	470.0	± 20	1700	0.33	0.37

- (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) Maximum allowable DC current is that which causes a 10 % inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (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) 最大許容電流は、直流重畳電流を流した時インダクタンスの値が初期値より10%減少する直流電流値、または直流電流により、コイルの温度が40℃上昇の何れか小さい値です。(周囲温度20℃を基準とする。)

*Agilent Technologies