

Common Mode Filters

◎ Product introduction 產品介紹

- Chip common mode filter for large current applications

耐大電流片式共模濾波器

- which are always being made smaller and lighter, because the height has been reduced.

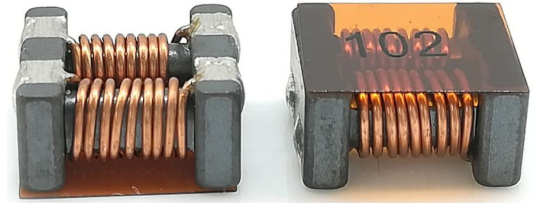
適應小型輕量化的便攜式設備的高密度化趨勢

- Excellent solderability and heat resistance for either flow or reflow soldering

良好的可焊性和耐焊性

- Terminal electrode has been electroplated, suitable flow soldering, reflow soldering an arbitrary welding method

端子電極已經過電鍍，可適用流動焊接，回流焊接任意一種焊接工法



◎ Product application 產品應用

- Power line noise countermeasure for various electronic equipment

應對所有電子設備電源線和噪音

- Noise countermeasure for adapterlines or larger electronic equipment such as note book PCs.

應對筆記本電腦等較大型電子設備適配線的噪音

◎ Product Identification 產品標識

BOK 8F 7A80 T

BOK-----Series name 系列名稱

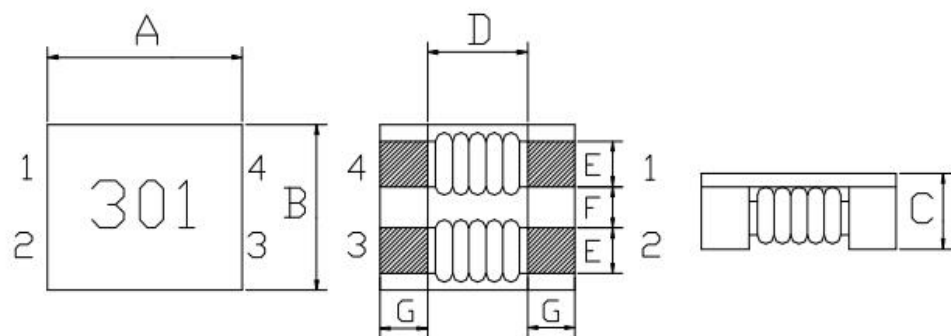
8F-----Dimension 產品尺寸

7A80T-----Product parameters 產品參數

T-----Taping 編帶盤裝

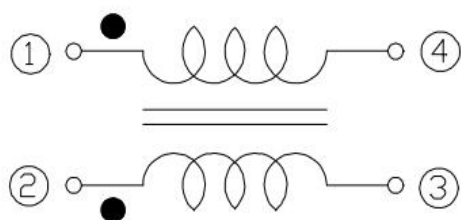
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◎Shape&Dimensions 形狀與尺寸:

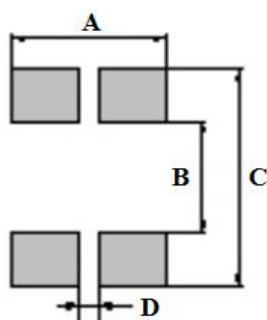


SIZE CODE	A	B	C	D	E	F	G	CHIPS REEL
BOK6E	7.0±0.5	6.0±0.5	3.8 MAX	3.5 Typ	1.5±0.2	1.5±0.2	1.75±0.2	1.5K
BOK7A	9.0±0.5	7.0±0.5	4.8 MAX	5.7 Typ	1.5 Typ	2.0 Typ	1.7 Typ	0.7K
BOK8F	12.0±0.5	10.0±0.7	6.4 MAX	7.0 Typ	2.7 Typ	2.5 Typ	2.5 Typ	0.5K

◎Circuit Diagram 電路圖



◎Recommender Land Pattern 推薦焊盤布局:



SIZE CODE	A	B	C	D
BOK6E	4.5 Typ	4.0 Typ	9.0 Typ	1.5 Typ
BOK7A	5.0 Typ	5.0 Typ	11.0 Typ	1.5 Typ
BOK8F	7.9 Typ	7.4 Typ	14.0 Typ	2.5 Typ

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© Detailed specifications and parameters are introduced

詳細規格及參數介紹

ORDERING CORE	Impedance(Ω) AT 100MHZ		DC Resistance (Ω)MAX /1LINE	Rated Voltage (V)MAX	Insulation Resistance (Ω)MIN	Rated Current (mA)MAX	Reference Inductance (μ H)
	Min	Typ					
BOK8F-7A80T	500	701	0.006	125	0.01	8000	-
BOK8F-8A80T	600	800	0.008		0.01	8000	-
BOK8F-10A60T	750	1000	0.014		0.01	6000	-
BOK8F-22A18T	2200	2500	0.035		0.01	1800	-
BOK8F-27A15T	2300	2700	0.050		0.01	1500	-

Inductance test instruments and test fixture: TH2832 LCR

Inductance test frequency: 1KHz 0.25V

Temperature: 15°C to 35°C

Humidity: 25% to 85% RH