



■ Features:

- Various high power, High saturation, Low resistance
- SPC0402 used ceramic base with gold-plating
- The others used LCP plastic base

■ Applications:

- DC to DC converters for notebook, VGA card, PDA
- Other various electronic appliances

■ Parts code:

SPC

FLIC No.

1306 / (5022)

Dimensions: mm / in

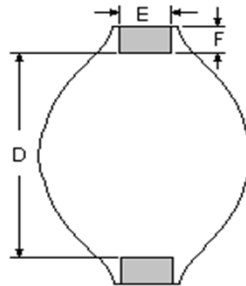
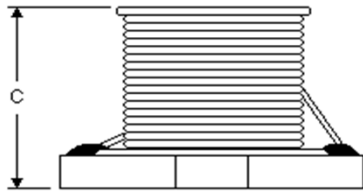
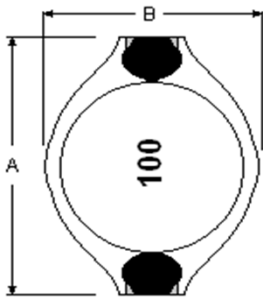
100

Inductance code

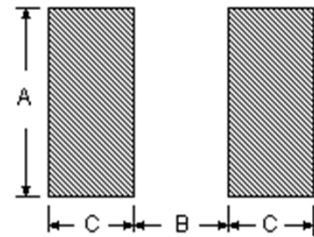
M

Tolerance: K : ± 10%

■ Outline Dimension:



■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	E	F	a	b	c
SPC 1306	18.54 Max	15.24 Max	7.11 Max	12.7	2.54	2.54	2.79 Typ	12.45 Typ	2.92 Typ

■ Specifications

SPC 1306 (5022)					
Flic No.	L	DCR (Ω)	SRF(Ref.)	Stauration Current	Heat Rating Current
	(uH)	(Max)	(MHz)	Isat (A)	Irms (A)
SPC 1306- 1R0M	1.0	0.009	80	20.0	8.6
SPC 1306- 2R2M	2.2	0.014	80	16.0	7.1
SPC 1306- 3R3M	3.3	0.018	60	14.0	6.2
SPC 1306- 5R6M	5.6	0.020	40	12.0	5.3
SPC 1306- 100M	10	0.031	30	10.0	4.3
SPC 1306- 150M	15	0.036	22	8.0	4.0
SPC 1306- 220M	22	0.047	20	7.0	3.5
SPC 1306- 330M	33	0.066	15	5.5	3.0
SPC 1306- 470M	47	0.086	9.0	4.5	2.6
SPC 1306- 680M	68	0.13	8.0	3.5	2.3
SPC 1306- 101M	100	0.19	7.0	3.0	1.8
SPC 1306- 151M	150	0.25	6.0	2.6	1.5
SPC 1306- 221M	220	0.38	5.0	2.4	1.2
SPC 1306- 331M	330	0.56	4.0	1.9	1.0
SPC 1306- 471M	470	0.85	3.0	1.4	0.82
SPC 1306- 681M	680	1.10	2.5	1.2	0.72
SPC 1306- 102M	1000	1.80	2.0	1.0	0.56

■ Notes:

- 1 . Test Freq. : 100KHz / 0.1V 2 . Operating temperatuer : -40 ~ 105 °C 3 . PACKAGING: SPC 1306 / 400Pcs/Reel