

■ 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.

0804 / (3316)

Dimensions: mm / in

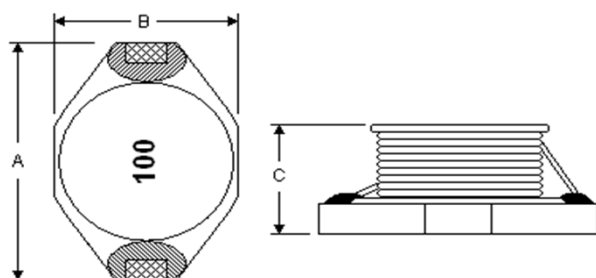
100

Inductance code

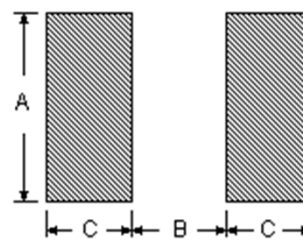
M

Tolerance: K : ± 10%

■ Outline Dimension:



■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	E	F	a	b	c
SPC 0804	12.95 Max	9.40 Max	5.21 Max	7.62	2.54	2.54	2.79 Typ	7.37 Typ	2.92 Typ

■ Specifications

SPC 0804 (3316)					
Flic No.	L	DCR (Ω)	SRF(Ref.)	Stauration Current	Heat Rating Current
	(uH)	(Max)	(MHz)	Isat (A)	Irms (A)
SPC 0804- 1R0M	1.0	0.009	100	9.0	6.8
SPC 0804- 1R5M	1.5	0.010	90	8.0	6.4
SPC 0804- 2R2M	2.2	0.012	80	7.0	6.1
SPC 0804- 3R3M	3.3	0.015	65	6.4	5.4
SPC 0804- 4R7M	4.7	0.018	45	5.4	4.8
SPC 0804- 6R8M	6.8	0.027	38	4.6	4.4
SPC 0804- 100M	10	0.038	30	3.8	3.9
SPC 0804- 150M	15	0.046	27	3.0	3.1
SPC 0804- 220M	22	0.085	19	2.6	2.7
SPC 0804- 330M	33	0.10	15	2.0	2.1
SPC 0804- 470M	47	0.14	12	1.6	1.8
SPC 0804- 680M	68	0.20	10	1.4	1.5
SPC 0804- 101M	100	0.28	9.0	1.2	1.3
SPC 0804- 151M	150	0.40	6.0	1.0	1.0
SPC 0804- 221M	220	0.61	5.0	0.8	0.8
SPC 0804- 331M	330	1.02	4.5	0.6	0.6
SPC 0804- 471M	470	1.27	3.5	0.5	0.5
SPC 0804- 681M	680	2.02	2.5	0.4	0.4
SPC 0804- 102M	1000	3.00	2.0	0.3	0.3

■ Notes:

- 1 . Test Freq. : 100KHz / 0.1V 2 . Operating temperatuer : -40 ~ 105 °C 3 . PACKAGING: SPC 0804 / 500Pcs/Reel