

■ 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.

0402 / (1608)

Dimensions: mm / in

1R0

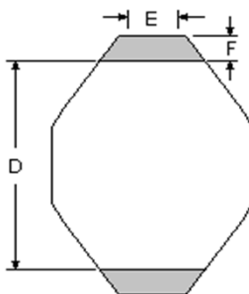
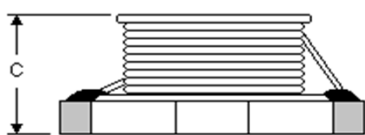
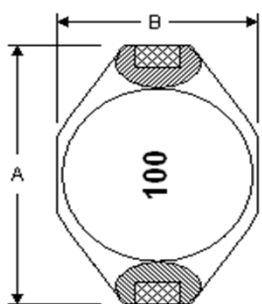
Inductance code

M

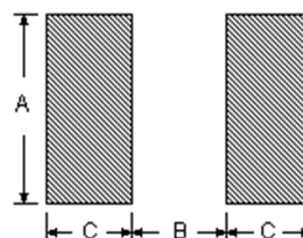
Tolerance: K : ± 10%

M : ± 20%

■ Outline Dimension:



■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	E	F	a	b	c
SPC 0402	6.6 Max	4.45 Max	2.92 Max	4.32	1.27	1.02	3.56 Typ	4.06 Typ	1.4 Typ

■ Specifications

SPC 0402 (1608)					
Flic No.	L	DCR (Ω)	SRF(Ref.)	Stauration Current	Heat Rating Current
	(uH)	(Max)	(MHz)	Isat (A)	Irms (A)
SPC 0402- 1R0M	1.0	0.05	130	2.9	2.9
SPC 0402- 1R5M	1.5	0.05	115	2.6	2.8
SPC 0402- 2R2M	2.2	0.07	90	2.3	2.4
SPC 0402- 3R3M	3.3	0.08	70	2.0	2.0
SPC 0402- 4R7M	4.7	0.09	50	1.5	1.5
SPC 0402- 6R8M	6.8	0.13	45	1.2	1.4
SPC 0402- 100M	10	0.16	35	1.1	1.1
SPC 0402- 150M	15	0.23	30	0.90	1.2
SPC 0402- 220K	22	0.37	20	0.70	0.80
SPC 0402- 330K	33	0.51	15	0.58	0.60
SPC 0402- 470K	47	0.64	14	0.50	0.50
SPC 0402- 680K	68	0.86	11	0.40	0.40
SPC 0402- 101K	100	1.27	9.0	0.31	0.30
SPC 0402- 151K	150	2.00	6.0	0.27	0.25
SPC 0402- 221K	220	3.11	5.5	0.22	0.20
SPC 0402- 331K	330	3.80	5.0	0.18	0.16
SPC 0402- 471K	470	6.20	4.0	0.16	0.15
SPC 0402- 681K	680	9.20	3.0	0.14	0.12
SPC 0402- 102K	1000	13.80	2.0	0.10	0.07

■ Notes:

- 1 . Test Freq. : 100KHz / 0.1V
- 2 . Operating temperatuer : -40 ~ 105 °C
- 3 . PACKAGING: SPC 0402 / 2500Pcs/Reel