

■ 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.

0802 / (3308)

Dimensions: mm / in

100

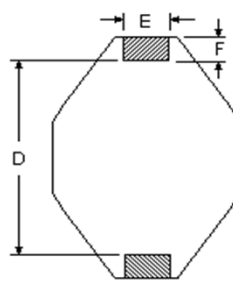
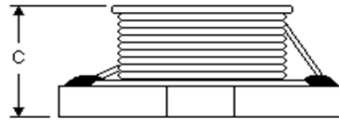
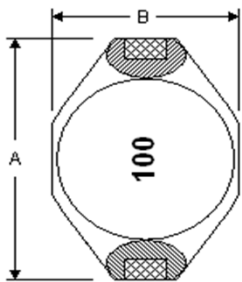
Inductance code

M

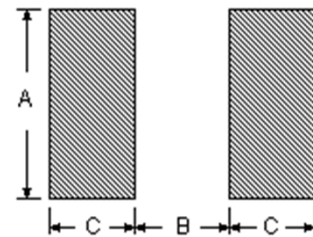
Tolerance: K : ± 10%

■ Outline Dimension:

M : ± 20%



■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	E	F	a	b	c
SPC 0802	12.95 Max	9.40 Max	3.50 Max	7.62	2.54	2.54	2.79 Typ	7.37 Typ	2.92 Typ

■ Specifications

SPC 0802 (3308)					
Flic No.	L	DCR (Ω)	SRF(Ref.)	Stauration Current	Heat Rating Current
	(uH)	(Max)	(MHz)	Isat (A)	Irms (A)
SPC 0802- 100M	10	0.11	35	2.40	2.00
SPC 0802- 150M	15	0.15	33	2.00	1.50
SPC 0802- 220M	22	0.23	25	1.60	1.30
SPC 0802- 330M	33	0.30	19	1.40	1.10
SPC 0802- 470M	47	0.39	14	1.00	0.80
SPC 0802- 680M	68	0.66	12	0.90	0.70
SPC 0802- 101M	100	0.84	10	0.70	0.60
SPC 0802- 151M	150	1.20	8.0	0.60	0.50
SPC 0802- 221M	220	1.90	6.0	0.50	0.40
SPC 0802- 331M	330	2.70	5.0	0.40	0.30
SPC 0802- 471M	470	4.00	4.0	0.30	0.20
SPC 0802- 681M	680	5.30	3.0	0.20	0.10
SPC 0802- 102M	1000	8.40	2.5	0.10	0.05

■ Notes:

- 1 . Test Freq. : 100KHz / 0.1V
- 2 . Operating temperatuer : -40 ~ 105 °C
- 3 . PACKAGING: SPC 0802 / 1000Pcs/Reel