



■ Features:

- Smallest size and high performance
- High energy storage and very low resistance

■ Applications:

- DC to DC converters for VTR, OA equipment, LCD television set, notebook, portable communication equipments

■ Parts code:

SPC - R

FLIC No. Shielded

0804 / (3316)

Dimensions: mm / in

100

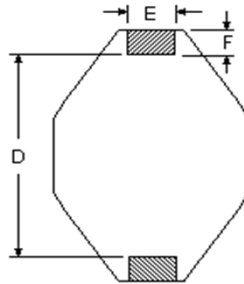
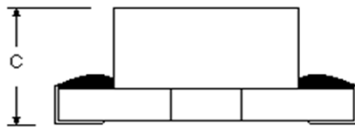
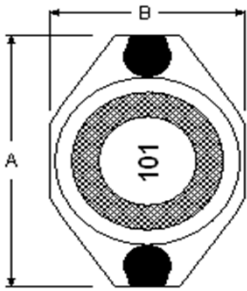
Inductance code

M

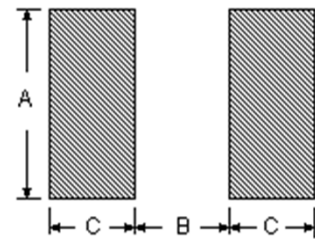
Tolerance: M : ± 20%

■ Outline Dimension:

N : ± 30%



■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	E	F	a	b	c
SPCR 0804	12.95 Max	9.40 Max	5.08 Max	7.62	2.54	2.54	2.79 Typ	7.37 Typ	2.92 Typ

■ Specifications

SPCR 0804 (3316)					
Flic No.	L	DCR (Ω)	SRF(Ref.)	Stauration Current	Heat Rating Current
	(uH)	(Max)	(MHz)	Isat (A)	Irms (A)
SPCR 0804- 1R0N	1.0	0.021	140	5.6	5.0
SPCR 0804- 1R5N	1.5	0.022	120	5.2	4.5
SPCR 0804- 2R2N	2.2	0.032	80	5.0	3.8
SPCR 0804- 3R3N	3.3	0.039	70	3.9	3.3
SPCR 0804- 4R7N	4.7	0.054	40	3.2	2.7
SPCR 0804- 6R8N	6.8	0.075	38	2.8	2.2
SPCR 0804- 100M	10	0.101	35	2.4	2.0
SPCR 0804- 150M	15	0.150	25	2.0	1.5
SPCR 0804- 220M	22	0.207	19	1.6	1.3
SPCR 0804- 330M	33	0.334	15	1.4	1.1
SPCR 0804- 470M	47	0.472	13	1.0	0.8

■ Notes:

- 1 . Test Freq. : 100KHz / 0.1V
- 2 . Operating temperatuer : -40 ~ 105 °C
- 3 . PACKAGING: SPC 0804 / 1000Pcs/Reel