



■ 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

**1306 / (5022)**

Dimensions: mm / in

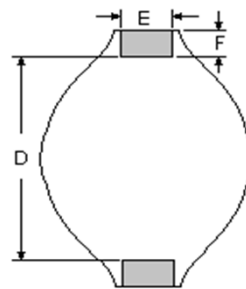
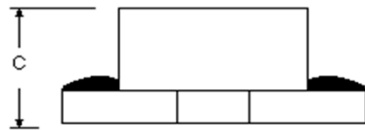
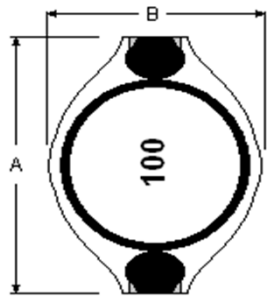
**100**

Inductance code

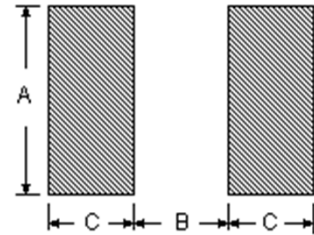
**M**

Tolerance:    M : ± 20%

■ Outline Dimension:



■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	E	F	a	b	c
SPCR 1306	18.54 Max	15.24 Max	7.62 Max	12.7	2.54	2.54	2.79 Typ	12.45 Typ	2.92 Typ

■ Specifications

SPCR 1306 (5022)					
Flic No.	L	DCR (Ω)	SRF(Ref.)	Stauration Current	Heat Rating Current
	( uH )	(Max)	(MHz)	Isat (A)	Irms (A)
SPCR 1306- 100M	10	0.040	30	8.0	3.9
SPCR 1306- 150M	15	0.048	20	7.0	3.4
SPCR 1306- 220M	22	0.059	18	6.0	3.1
SPCR 1306- 330M	33	0.075	14	5.0	2.8
SPCR 1306- 470M	47	0.097	10	4.0	2.4
SPCR 1306- 680M	68	0.138	9.0	3.0	2.0
SPCR 1306- 101M	100	0.207	7.0	2.4	1.7
SPCR 1306- 151M	150	0.293	6.0	2.1	1.3
SPCR 1306- 221M	220	0.470	5.0	1.9	1.1
SPCR 1306- 331M	330	0.780	4.0	1.1	0.86
SPCR 1306- 471M	470	1.08	3.0	1.1	0.73
SPCR 1306- 681M	680	1.40	2.5	0.96	0.64
SPCR 1306- 102M	1000	2.01	2.0	0.80	0.53

■ Notes:

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