



■ 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 - H

FLIC No. High Current

1306 / (5022)

Dimensions: mm / in

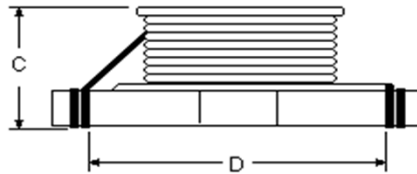
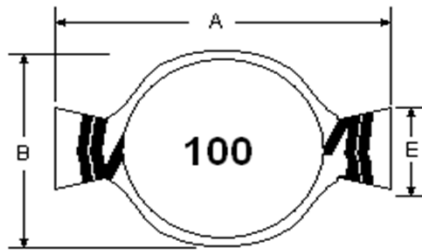
100

Inductance code

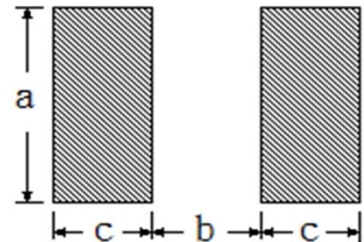
M

Tolerance: M : ± 20%

■ Outline Dimension:



■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	E
SPCH 1306	22.5 Max	15.3 Max	8.0 Max	14.6	7.7

a	b	c
10.0 Typ	13.5 Typ	4.3 Typ

■ Specifications

SPCH 1306 (5022)				
Flic No.	L	DCR (Ω)	Stauration Current	Heat Rating Current
	(uH)	(Max)	Isat (A)	Irms (A)
SPCH 1306- R47N	0.47	0.002	19.2	51.7
SPCH 1306- 1R0N	1.0	0.003	17.3	37.8
SPCH 1306- 1R5N	1.5	0.004	13.4	28.9
SPCH 1306- 2R2M	2.2	0.005	12.0	23.7
SPCH 1306- 3R3M	3.3	0.006	11.0	20.2
SPCH 1306- 4R7M	4.7	0.010	8.6	15.6
SPCH 1306- 6R8M	6.8	0.015	8.3	14.1
SPCH 1306- 100M	10	0.020	6.8	11.5
SPCH 1306- 150M	15	0.030	5.5	9.1
SPCH 1306- 220M	22	0.040	4.5	7.6
SPCH 1306- 330M	33	0.060	3.7	6.1
SPCH 1306- 470M	47	0.074	3.1	5.2
SPCH 1306- 680M	68	0.120	2.4	4.3
SPCH 1306- 101M	100	0.170	2.0	3.6

■ Notes:

- 1 . Test Freq. : 100KHz / 0.1V
- 2 . Operating temperaturer : -30°C ~ 105 °C
- 3 . PACKAGING: SPCH 1306 / 250Pcs/Reel