



■ 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

**0402 / (1608)**

Dimensions: mm / in

**4R7**

Inductance code

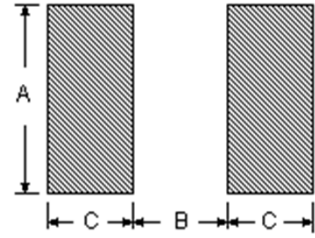
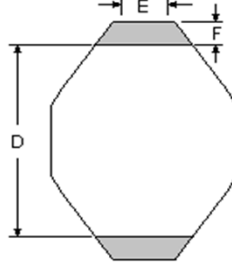
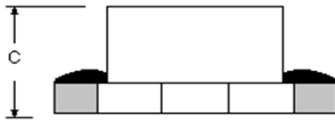
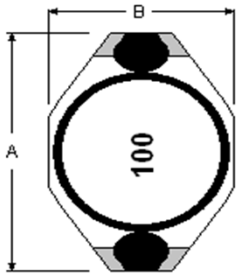
**M**

Tolerance: M : ± 20%

N : ± 30%

■ Outline Dimension:

■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	E	F	a	b	c
SPCR 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

SPCR 0402 (1608)				
Flic No.	L	DCR (Ω)	SRF(Ref.)	Heat Rating Current
	( μH )	(Max)	(MHz)	I <sub>rms</sub> (A)
SPCR 0402- 1R0N	1.0	0.040	250	3.00
SPCR 0402- 1R5N	1.5	0.045	125	2.30
SPCR 0402- 2R2N	2.2	0.050	120	1.80
SPCR 0402- 3R3N	3.3	0.055	120	1.60
SPCR 0402- 4R7N	4.7	0.060	105	1.40
SPCR 0402- 6R8N	6.8	0.065	50	1.20
SPCR 0402- 100M	10	0.075	38	1.00
SPCR 0402- 150M	15	0.090	33	0.80
SPCR 0402- 220M	22	0.11	25	0.70
SPCR 0402- 330M	33	0.19	20	0.60
SPCR 0402- 470M	47	0.23	20	0.50
SPCR 0402- 680M	68	0.29	15	0.40
SPCR 0402- 101M	100	0.48	10	0.30
SPCR 0402- 151M	150	0.59	9.0	0.26
SPCR 0402- 221M	220	0.90	6.0	0.22
SPCR 0402- 331M	330	1.40	5.0	0.20
SPCR 0402- 471M	470	1.80	4.0	0.19
SPCR 0402- 681M	680	2.20	3.0	0.18
SPCR 0402- 102M	1000	3.40	2.0	0.15
SPCR 0402- 152M	1500	4.20	2.0	0.12
SPCR 0402- 222M	2200	8.50	2.0	0.10
SPCR 0402- 332M	3300	11	1.0	0.08
SPCR 0402- 472M	4700	14	1.0	0.06
SPCR 0402- 682M	6800	25	1.0	0.04
SPCR 0402- 103M	10000	33	0.8	0.02

■ Notes:

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