



■ 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:

SDR

FLIC No.

43

Product dimensions (a x c)

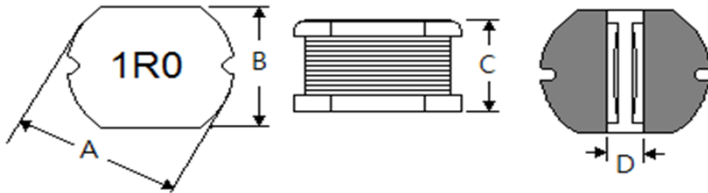
4R7

Inductance code

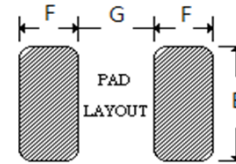
K

Tolerance:K : ± 10% / M : ± 20%

■ Outline Dimension:



■ Recommended Land Pattern:



Dimensions in mm

FLIC No.	A	B	C	D	E (Ref.)	F (Ref.)	G (Ref.)
SDR 43	4.5±0.3	4.0±0.3	3.2±0.3	1.4	4.5	1.8	1.5

■ Specifications

SDR 43				
Flic No.	L	Test Freq.	DCR (Ω)	Rating Current
	(uH)	(KHz)	(Max)	I _{rms} (A)
SDR 43- 1R0M	1.0	100	0.033	3.80
SDR 43- 1R5M	1.5	100	0.038	3.30
SDR 43- 1R8M	1.8	100	0.042	2.91
SDR 43- 2R2M	2.2	100	0.047	2.60
SDR 43- 2R7M	2.7	100	0.052	2.43
SDR 43- 3R3M	3.3	100	0.058	2.15
SDR 43- 3R9M	3.9	100	0.076	1.98
SDR 43- 4R7M	4.7	100	0.094	1.70
SDR 43- 5R6M	5.6	100	0.101	1.60
SDR 43- 6R8M	6.8	100	0.117	1.41
SDR 43- 8R2M	8.2	100	0.132	1.26
SDR 43- 100M	10	100	0.182	1.15
SDR 43- 120M	12	100	0.210	1.05
SDR 43- 150M	15	100	0.235	0.92
SDR 43- 180M	18	100	0.338	0.84
SDR 43- 220M	22	100	0.378	0.76
SDR 43- 270M	27	100	0.522	0.71
SDR 43- 330M	33	100	0.540	0.64
SDR 43- 390M	39	100	0.587	0.59
SDR 43- 470M	47	100	0.844	0.54
SDR 43- 560M	56	100	0.937	0.50
SDR 43- 680M	68	100	1.117	0.46
SDR 43- 820M	82	100	1.345	0.45
SDR 43- 101K	100	100	1.520	0.44
SDR 43- 121K	120	100	1.800	0.43
SDR 43- 151K	150	100	2.000	0.42
SDR 43- 181K	180	100	3.200	0.38
SDR 43- 221K	220	100	3.900	0.36
SDR 43- 271K	270	100	5.300	0.34
SDR 43- 331K	330	100	5.300	0.28
SDR 43- 391K	390	100	5.900	0.24
SDR 43- 471K	470	100	6.800	0.21
SDR 43- 561K	560	100	8.500	0.20
SDR 43- 681K	680	100	10.000	0.18
SDR 43- 821K	820	100	13.400	0.15
SDR 43- 102K	1000	100	15.600	0.14

■ Notes: 1. Operating temperature : -40 ~ 105 °C 2. PACKAGING: SDR 42 / 3000Pcs/Reel

Rated current: The DC current at which the inductance decreases to 90 % of its initial value or when Δt=40°C, whichever is lower(Ta=25°C)