



■ 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.

75

Product dimensions (a x c)

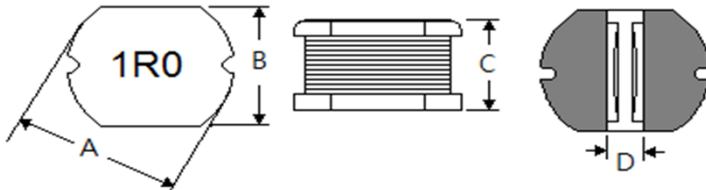
4R7

Inductance code

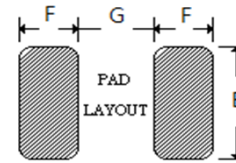
K

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 75	7.8±0.3	7.0±0.3	5.0±0.3	2.9	7.5	3.0	2.0

■ Specifications

SDR 75				
Flic No.	L	Test Freq.	DCR (Ω)	Rating Current
	(uH)	(KHz)	(Max)	I _{rms} (A)
SDR 75- 1R0M	1.0	100	0.030	11.20
SDR 75- 1R2M	1.2	100	0.030	9.87
SDR 75- 1R5M	1.5	100	0.040	8.35
SDR 75- 1R8M	1.8	100	0.040	7.12
SDR 75- 2R2M	2.2	100	0.050	6.52
SDR 75- 2R7M	2.7	100	0.060	6.06
SDR 75- 3R3M	3.3	100	0.060	5.26
SDR 75- 3R9M	3.9	100	0.060	4.68
SDR 75- 4R7M	4.7	100	0.070	4.54
SDR 75- 5R6M	5.6	100	0.070	4.25
SDR 75- 6R8M	6.8	100	0.070	3.45
SDR 75- 8R2M	8.2	100	0.070	3.10
SDR 75- 100M	10	100	0.070	2.30
SDR 75- 120M	12	100	0.080	2.00
SDR 75- 150M	15	100	0.090	1.80
SDR 75- 180M	18	100	0.100	1.60
SDR 75- 220M	22	100	0.110	1.50
SDR 75- 270M	27	100	0.120	1.30
SDR 75- 330M	33	100	0.130	1.20
SDR 75- 390M	39	100	0.160	1.10
SDR 75- 470M	47	100	0.180	1.10
SDR 75- 560M	56	100	0.240	0.94
SDR 75- 680M	68	100	0.280	0.85
SDR 75- 820M	82	100	0.370	0.78
SDR 75- 101K	100	100	0.430	0.72
SDR 75- 121K	120	100	0.470	0.66
SDR 75- 151K	150	100	0.640	0.58
SDR 75- 181K	180	100	0.710	0.51
SDR 75- 221K	220	100	0.960	0.49
SDR 75- 271K	270	100	1.110	0.42
SDR 75- 331K	330	100	1.260	0.40
SDR 75- 391K	390	100	1.770	0.36
SDR 75- 471K	470	100	1.960	0.34
SDR 75- 561K	560	100	2.000	0.33
SDR 75- 681K	680	100	2.200	0.32
SDR 75- 821K	820	100	2.900	0.25
SDR 75- 102K	1000	100	3.600	0.23

■ Notes: 1. Operating temperature : -40 ~ 105 °C 2. PACKAGING: SDR 75 / 1000Pcs/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)