



■ 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.

105

Product dimensions (a x c)

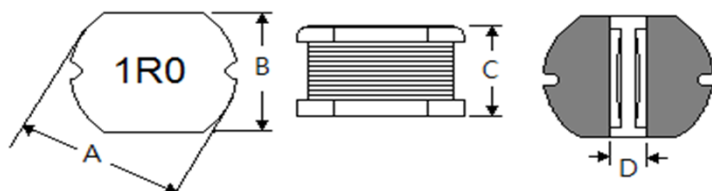
4R7

Inductance code

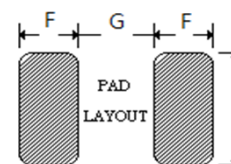
K

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 105	10.0±0.3	9.0±0.3	5.4±0.3	2.9	9.5	3.8	2.5

■ Specifications

SDR 105				
Flic No.	L	Test Freq.	DCR (Ω)	Rating Current
	(uH)	(KHz)	(Max)	I _{rms} (A)
SDR 105- 1R0M	1.0	100	0.008	10.50
SDR 105- 1R5M	1.5	100	0.010	9.50
SDR 105- 2R2M	2.2	100	0.013	8.50
SDR 105- 3R3M	3.3	100	0.015	7.50
SDR 105- 3R9M	3.9	100	0.018	6.80
SDR 105- 4R7M	4.7	100	0.020	6.00
SDR 105- 5R6M	5.6	100	0.025	5.00
SDR 105- 6R8M	6.8	100	0.030	4.20
SDR 105- 8R2M	8.2	100	0.050	3.50
SDR 105- 100M	10	100	0.060	2.60
SDR 105- 120M	12	100	0.070	2.45
SDR 105- 150M	15	100	0.080	2.27
SDR 105- 180M	18	100	0.090	2.15
SDR 105- 220M	22	100	0.100	1.95
SDR 105- 270M	27	100	0.110	1.76
SDR 105- 330M	33	100	0.120	1.50
SDR 105- 390M	39	100	0.140	1.37
SDR 105- 470M	47	100	0.170	1.28
SDR 105- 560M	56	100	0.190	1.17
SDR 105- 680M	68	100	0.220	1.11
SDR 105- 820M	82	100	0.250	1.00
SDR 105- 101K	100	100	0.350	0.97
SDR 105- 121K	120	100	0.400	0.89
SDR 105- 151K	150	100	0.470	0.78
SDR 105- 181K	180	100	0.630	0.72
SDR 105- 221K	220	100	0.730	0.66
SDR 105- 271K	270	100	0.970	0.57
SDR 105- 331K	330	100	1.150	0.52
SDR 105- 391K	390	100	1.300	0.48
SDR 105- 471K	470	100	1.480	0.42
SDR 105- 561K	560	100	1.900	0.33
SDR 105- 681K	680	100	2.250	0.28
SDR 105- 821K	820	100	2.550	0.24
SDR 105- 102K	1000	100	2.700	0.20

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