



■ 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.

**104**

Product dimensions (a x c)

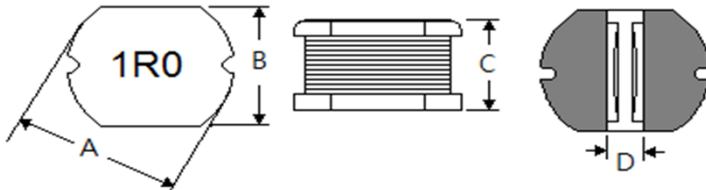
**4R7**

Inductance code

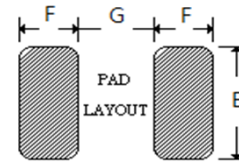
**K**

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 104	10.0±0.3	9.0±0.3	4.0±0.3	2.9	9.5	3.8	2.5

■ Specifications

SDR 104				
Flic No.	L	Test Freq.	DCR (Ω)	Rating Current
	(uH)	(KHz)	(Max)	I <sub>rms</sub> (A)
SDR 104- 1R0M	1.0	100	0.008	9.00
SDR 104- 1R5M	1.5	100	0.010	8.00
SDR 104- 2R2M	2.2	100	0.013	6.20
SDR 104- 2R7M	2.7	100	0.014	5.60
SDR 104- 3R9M	3.9	100	0.020	5.00
SDR 104- 4R7M	4.7	100	0.022	4.50
SDR 104- 5R6M	5.6	100	0.025	3.80
SDR 104- 6R8M	6.8	100	0.030	3.00
SDR 104- 8R2M	8.2	100	0.040	2.60
SDR 104- 100M	10	100	0.053	2.38
SDR 104- 120M	12	100	0.061	3.00
SDR 104- 150M	15	100	0.070	1.87
SDR 104- 180M	18	100	0.081	1.73
SDR 104- 220M	22	100	0.088	1.60
SDR 104- 270M	27	100	0.100	1.44
SDR 104- 330M	33	100	0.120	1.26
SDR 104- 390M	39	100	0.151	1.20
SDR 104- 470M	47	100	0.170	1.10
SDR 104- 560M	56	100	0.199	1.01
SDR 104- 680M	68	100	0.223	0.91
SDR 104- 820M	82	100	0.252	0.85
SDR 104- 101K	100	100	0.344	0.74
SDR 104- 121K	120	100	0.394	0.69
SDR 104- 151K	150	100	0.544	0.61
SDR 104- 181K	180	100	0.621	0.56
SDR 104- 221K	220	100	0.721	0.53
SDR 104- 271K	270	100	0.949	0.45
SDR 104- 331K	330	100	1.100	0.42
SDR 104- 391K	390	100	1.245	0.38
SDR 104- 471K	470	100	1.526	0.35
SDR 104- 561K	560	100	1.904	0.32
SDR 104- 681K	680	100	2.200	0.30
SDR 104- 821K	820	100	2.600	0.28
SDR 104- 102K	1000	100	3.000	0.26

■ Notes: 1. Operating temperature : -40 ~ 105 °C 2. PACKAGING: SDR 104 / 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)