



■ 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.

32

Product dimensions (a x c)

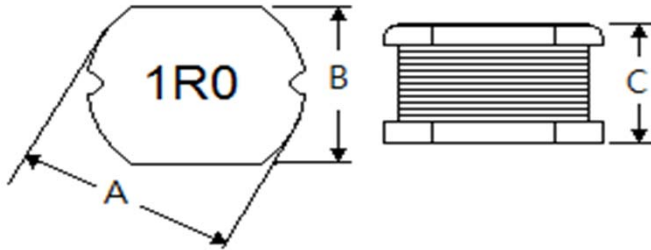
4R7

Inductance code

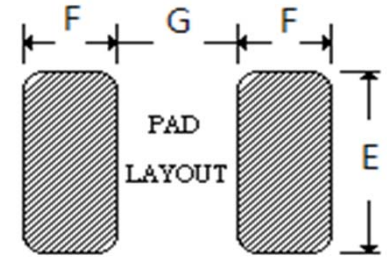
K

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 32	3.5±0.3	3.0±0.3	2.1±0.3	1.0	3.2	1.3	1.0

■ Specifications

SDR 32				
Flic No.	L	Test Freq.	DCR (Ω)	Rating Current
	(uH)	(KHz)	(Max)	I _{rms} (A)
SDR 32- 2R2M	2.2	100	0.080	1.80
SDR 32- 2R7M	2.7	100	0.110	1.70
SDR 32- 3R3M	3.3	100	0.130	1.60
SDR 32- 4R7M	4.7	100	0.170	1.50
SDR 32- 5R6M	5.6	100	0.185	1.20
SDR 32- 6R8M	6.8	100	0.200	1.05
SDR 32- 8R2M	8.2	100	0.220	0.90
SDR 32- 100M	10	100	0.230	0.76
SDR 32- 120M	12	100	0.270	0.68
SDR 32- 150M	15	100	0.310	0.63
SDR 32- 180M	18	100	0.410	0.52
SDR 32- 220M	22	100	0.470	0.50
SDR 32- 270M	27	100	0.660	0.40
SDR 32- 330M	33	100	0.760	0.38
SDR 32- 390M	39	100	0.850	0.35
SDR 32- 470M	47	100	0.970	0.33
SDR 32- 560M	56	100	1.250	0.29
SDR 32- 680M	68	100	1.450	0.27
SDR 32- 820M	82	100	1.850	0.23
SDR 32- 101K	100	100	2.200	0.22
SDR 32- 121K	120	100	2.900	0.18
SDR 32- 151K	150	100	3.400	0.17
SDR 32- 181K	180	100	3.900	0.16
SDR 32- 221K	220	100	4.500	0.15
SDR 32- 271K	270	100	6.000	0.13
SDR 32- 331K	330	100	7.000	0.12
SDR 32- 391K	390	100	7.800	0.11

■ Notes:

1. Operating temperature : -40 ~ 105 °C

2. PACKAGING: SDR 32 / 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)