

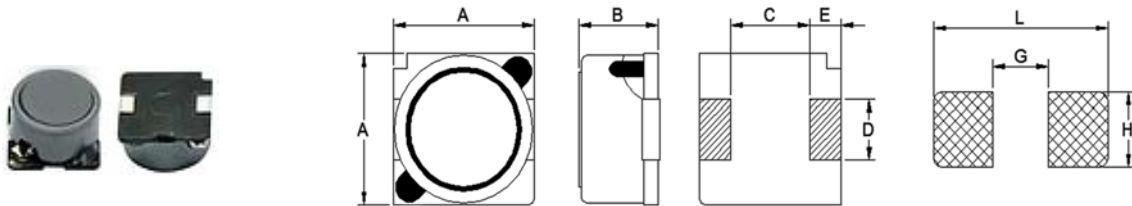
Features

- The SDRR series are characterized by low profile.
- Low DC resistance and high current handling capacities.
- Flat bottom surface ensure secure, reliable mounting.
- Provided in embossed carrier tape packing for use automatic mounting machines.

Applications

- Ideally used in PC, HDD, LCD-TV, Plasma-TV, DVD-recorder and other Audio-Visual equipment etc.

Shapes and Dimensions



Packing Q'ty : 1,000 pcs/reel

| Type | A | B | C | D | E | L | G | H |
|----------|-----------|----------|-----------|-----------|-----|-----|-----|-----|
| SDRR7045 | 7.0 ± 0.3 | 4.8 max. | 4.9 ± 0.2 | 2.0 ± 0.2 | 0.9 | 7.9 | 4.9 | 2.2 |

Electrical Characteristics

| Part Number | Inductance (μH) | Measuring Freq. (KHz) | D.C.R (Ω) Max. | Isat (A) Max. | Irms (A) Max. |
|----------------|-----------------|-----------------------|----------------|---------------|---------------|
| SDRR7045-3R3NC | 3.3 ± 30% | 100 | 0.024 | 2.50 | 2.30 |
| SDRR7045-4R7NC | 4.7 ± 30% | 100 | 0.036 | 2.00 | 2.10 |
| SDRR7045-6R8NC | 6.8 ± 30% | 100 | 0.047 | 1.70 | 1.74 |
| SDRR7045-100MC | 10 ± 20% | 100 | 0.056 | 1.30 | 1.78 |
| SDRR7045-150MC | 15 ± 20% | 100 | 0.063 | 1.10 | 1.53 |
| SDRR7045-220MC | 22 ± 20% | 100 | 0.074 | 0.90 | 1.34 |
| SDRR7045-330MC | 33 ± 20% | 100 | 0.116 | 0.82 | 1.09 |
| SDRR7045-470MC | 47 ± 20% | 100 | 0.150 | 0.75 | 0.92 |
| SDRR7045-680MC | 68 ± 20% | 100 | 0.210 | 0.60 | 0.77 |
| SDRR7045-101MC | 100 ± 20% | 100 | 0.300 | 0.54 | 0.65 |
| SDRR7045-151MC | 150 ± 20% | 100 | 0.408 | 0.40 | 0.55 |
| SDRR7045-221MC | 220 ± 20% | 100 | 0.624 | 0.33 | 0.45 |
| SDRR7045-331MC | 330 ± 20% | 100 | 0.888 | 0.25 | 0.37 |
| SDRR7045-471MC | 470 ± 20% | 100 | 1.260 | 0.22 | 0.31 |
| SDRR7045-681MC | 680 ± 20% | 100 | 1.776 | 0.20 | 0.27 |
| SDRR7045-102MC | 1,000 ± 20% | 100 | 2.736 | 0.14 | 0.25 |

NOTES:

Isat : DC current at which the inductance drops approximately 30% from its value without current.

Irms : DC current that causes the temperature rise (ΔT=40°C) from 20°C ambient