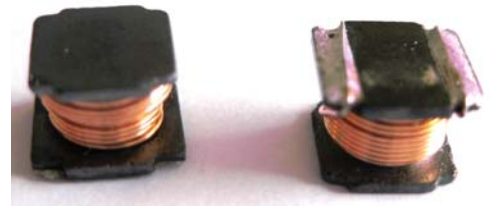


SMD POWER INDUCTORS / NR TYPE

FEATURES

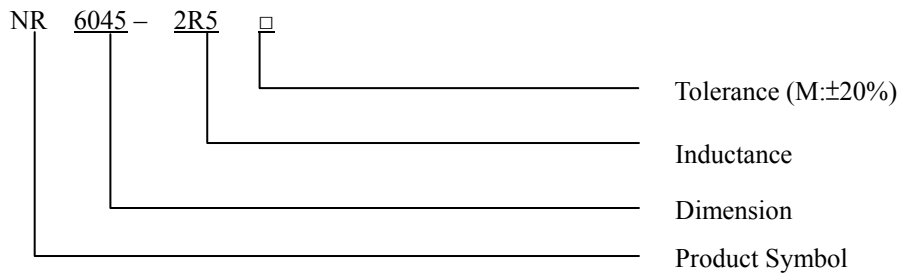
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



APPLICATIONS

- ◆ DVC、DSC、PDA、LCD display、Cellular phones、HDD, etc

ORDERING CODE

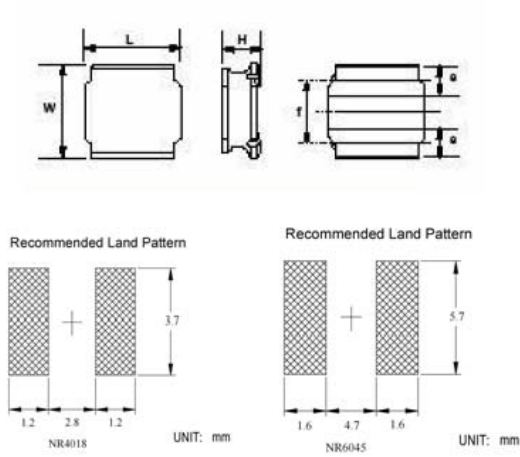


CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

SMD POWER INDUCTORS / NR TYPE

DIMENSIONS (UNIT: mm)



| | | |
|---|----------------|-----|
| L | 6.0 ± 0.2 | m/m |
| W | 6.0 ± 0.2 | m/m |
| H | 4.5 (MAX) | m/m |
| e | 1.35 ± 0.2 | m/m |
| f | 4.00 ± 0.2 | m/m |

ELECTRICAL CHARACTERISTICS FOR NR6045

| Part No. | Inductance (uH) | RDC (Ω) | IDC (mA) |
|--------------|-----------------|------------------|----------|
| NR6045-1R0 □ | 1.0 | 0.014 | 8500 |
| NR6045-1R3 □ | 1.3 | 0.016 | 8000 |
| NR6045-1R8 □ | 1.8 | 0.018 | 7000 |
| NR6045-2R2 □ | 2.2 | 0.050 | 6500 |
| NR6045-2R3 □ | 2.3 | 0.055 | 6000 |
| NR6045-3R0 □ | 3.0 | 0.060 | 5000 |
| NR6045-4R5 □ | 4.5 | 0.065 | 4000 |
| NR6045-6R3 □ | 6.3 | 0.070 | 3800 |
| NR6045-10 □ | 10 | 0.080 | 3500 |
| NR6045-150 □ | 15 | 0.095 | 3100 |
| NR6045-220 □ | 22 | 0.200 | 2950 |
| NR6045-330 □ | 33 | 0.280 | 2800 |
| NR6045-470 □ | 47 | 0.390 | 2600 |
| NR6045-680 □ | 68 | 0.420 | 1000 |
| NR6045-101 □ | 100 | 0.500 | 800 |

* Test Frequency : 100KHz

* Tolerance :M:±20% , N:±30%

* Operating temperature: -40°C ~ +85°C



CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>