

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

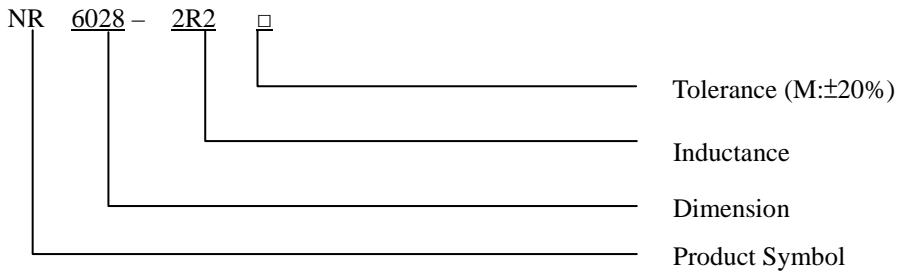
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



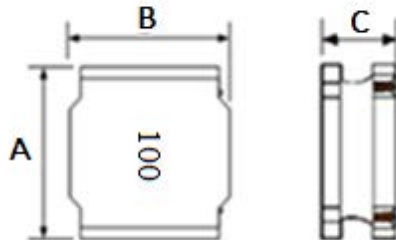
APPLICATIONS

- ◆ For small DC/DC converter (cellular phone, HDD, DVC, DSC, LCD display etc).

ORDERING CODE



DIMENSIONS (UNIT: mm)



| | | |
|---|---------------|-----|
| A | 6.0 ± 0.3 | m/m |
| B | 6.0 ± 0.3 | m/m |
| C | 2.8 (MAX) | m/m |

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ELECTRICAL CHARACTERISTICS FOR NR6028

| Part No. | Inductance (uH) | Test Frequency | RDC (Ω) | IDC (A) |
|--------------|-----------------|----------------|------------------|---------|
| NR6028-0R9 □ | 0.9 | 100KHz | 0.017 | 6.70 |
| NR6028-1R5 □ | 1.5 | 100KHz | 0.021 | 5.10 |
| NR6028-2R2 □ | 2.2 | 100KHz | 0.026 | 4.20 |
| NR6028-4R7 □ | 4.7 | 100KHz | 0.040 | 2.70 |
| NR6028-6R8 □ | 6.8 | 100KHz | 0.056 | 2.50 |
| NR6028-100 □ | 10 | 100KHz | 0.085 | 1.90 |
| NR6028-150 □ | 15 | 100KHz | 0.124 | 1.60 |
| NR6028-220 □ | 22 | 100KHz | 0.176 | 1.30 |
| NR6028-330 □ | 33 | 100KHz | 0.286 | 1.10 |
| NR6028-470 □ | 47 | 100KHz | 0.390 | 1.00 |
| NR6028-680 □ | 68 | 100KHz | 0.546 | 0.80 |
| NR6028-101 □ | 100 | 100KHz | 0.780 | 0.65 |

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