

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

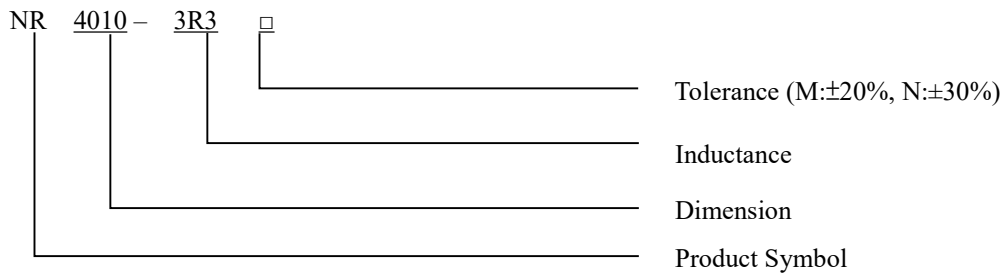
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



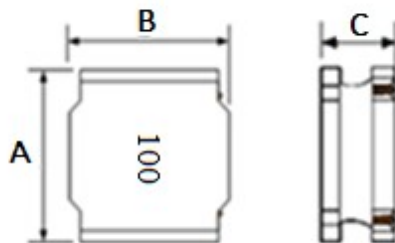
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



| | | |
|---|---------------|-----|
| A | 4.0 ± 0.2 | m/m |
| B | 4.0 ± 0.2 | m/m |
| C | 1.0 (MAX) | m/m |



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SHIELDED SMD POWER INDUCTORS / NR TYPE

ELECTRICAL CHARACTERISTICS FOR NR4010

| Part No. | Inductance (uH) | Test Frequency | RDC (Ω) | IDC (A) |
|--------------|-----------------|----------------|------------------|---------|
| NR4010-1R0 □ | 1.0 | 100KHz | 0.067 | 2.00 |
| NR4010-2R2 □ | 2.2 | 100KHz | 0.102 | 1.20 |
| NR4010-3R3 □ | 3.3 | 100KHz | 0.120 | 1.10 |
| NR4010-4R7 □ | 4.7 | 100KHz | 0.168 | 0.95 |
| NR4010-6R8 □ | 6.8 | 100KHz | 0.240 | 0.80 |
| NR4010-100 □ | 10 | 100KHz | 0.360 | 0.62 |
| NR4010-150 □ | 15 | 100KHz | 0.516 | 0.54 |
| NR4010-220 □ | 22 | 100KHz | 0.684 | 0.45 |



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