

# SHIELDED SMD POWER INDUCTORS / NR TYPE

## FEATURES

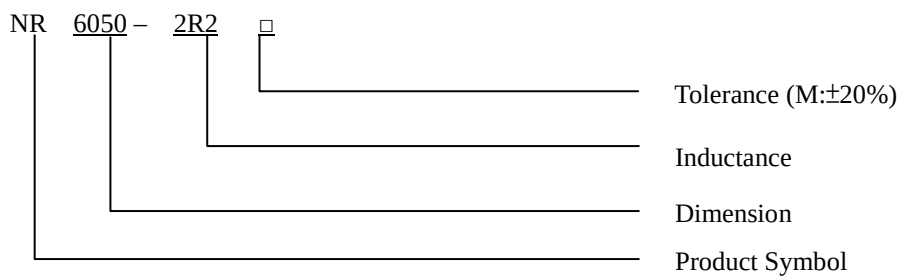
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



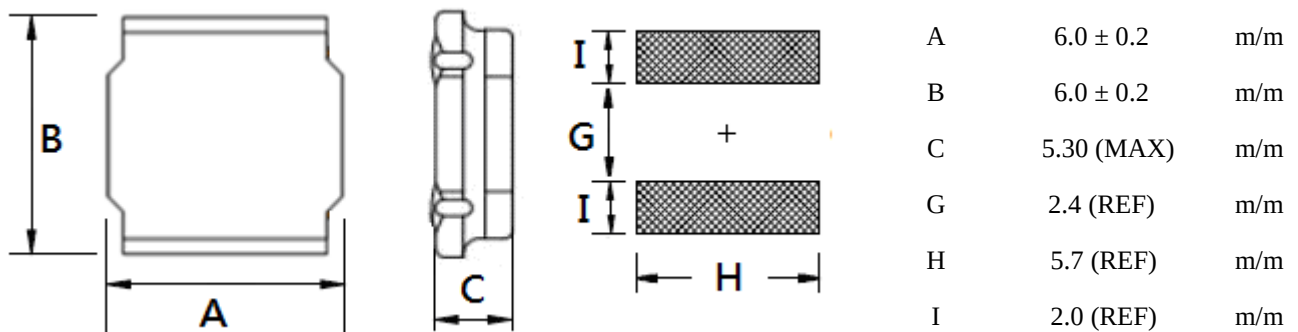
## APPLICATIONS

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

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



CORE MASTER ENTERPRISE CO., LTD.

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



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### ELECTRICAL CHARACTERISTICS FOR NR6050

| Part No□     | Inductance<br>(uH) | Test Frequency | RDC<br>(mΩ) | IDC<br>(A) |
|--------------|--------------------|----------------|-------------|------------|
| NR6050-2R2 □ | 2.2                | 100KHz         | 20          | 8.50       |
| NR6050-3R3 □ | 3.3                | 100KHz         | 26          | 7.20       |
| NR6050-4R7 □ | 4.7                | 100KHz         | 36          | 6.40       |
| NR6050-6R8 □ | 6.8                | 100KHz         | 46          | 5.20       |
| NR6050-100 □ | 10                 | 100KHz         | 60          | 4.20       |
| NR6050-150 □ | 15                 | 100KHz         | 90          | 3.30       |
| NR6050-220 □ | 22                 | 100KHz         | 120         | 3.10       |
| NR6050-330 □ | 33                 | 100KHz         | 175         | 2.20       |