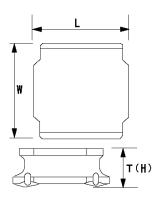
## **Spec Sheet**

# SMD Power Inductors (NR series)

## NR4010T4R7M



#### Features

- Item Summary
  4.7 μH(±20%), 900mA, 750mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 5000pcs

#### Products characteristics table

| CaseSize (EIA/JIS)                      | -/4010       |
|---|--------------|
| Inductance                              | 4.7 μH(±20%) |
| Inductance Measuring Frequency          | 100kHz       |
| Rated Current -Saturation Current       | 900mA        |
| Rated Current -Temperature Rise Current | 750mA        |
| DC Resistance (max)                     | 0.252Ω       |
| Avg. of DC.Resistance                   | 0.21Ω        |
| Temperature Range                       | -25℃ to 120℃ |
| Self-resonant Frequency (min)           | 47MHz        |
| RoHS Compliance                         | Yes          |
| Halogen Free                            | Yes          |
| Soldering Method                        | Reflow       |

#### External Dimensions

| L | 4mm ±0.2 |
|---|----------|
| W | 4mm ±0.2 |
| Н | 1mm max  |

### Recommended Land Patterns





| SMD Power Inductors (NR series/NR se | ries H | type/S | type / | V type) |
|--------------------------------------|--------|--------|--------|---------|
| Type                                 | A      | В      | С      |         |
| NR 4010, NRS4010,                    |        |        |        |         |
| NR 4012, NRS4012,                    | 1.2    | 2.8    | 3.7    |         |
| NR 4018, NRS4018                     |        |        |        |         |
| unit: mm                             |        |        |        |         |

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