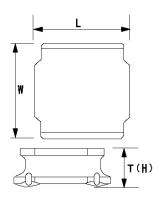
## **Spec Sheet**

# SMD Power Inductors (NR series H type)

# NRH3010T6R8MN



#### Features

- Item Summary
  6.8 μH(±20%), 700mA, 745mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 2000pcs

#### Products characteristics table

CaseSize (EIA/JIS)	-/3010
Inductance	6.8 $\mu$ H(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	700mA
Rated Current -Temperature Rise Current	745mA
DC Resistance (max)	0.3Ω
Avg. of DC.Resistance	0.25Ω
Temperature Range	-25℃ to 120℃
Self-resonant Frequency (min)	44MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

#### External Dimensions

L	3mm ±0.1
W	3mm ±0.1
Н	1mm max

### Recommended Land Patterns





SMD Power Inductors (NR series/NR se	eries H	type/S	type /	V type)	
Type	A	В	С	]	
NR 3010, NRH3010,				1	
NR 3012, NRH3012, NRV3012,	0.8	2.2	2.7		
NR 3015, NRS3015					
unit: mm					

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