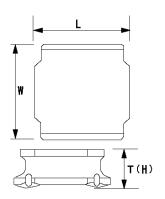
## **Spec Sheet**

# SMD Power Inductors (NR series)

## NR4012T6R8M



#### Features

- Item Summary
  6.8 μH(±20%), 900mA, 840mA
- Lifecycle Stage
  - Mass Production
- Standard packaging quantity (minimum)
  Taping 4500pcs

#### Products characteristics table

CaseSize (EIA/JIS)	-/4012
Inductance	6.8 $\mu$ H(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	900mA
Rated Current -Temperature Rise Current	840mA
DC Resistance (max)	0.216Ω
Avg. of DC.Resistance	0.18Ω
Temperature Range	-25℃ to 120℃
Self-resonant Frequency (min)	35MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

#### External Dimensions

L	4mm ±0.2
W	4mm ±0.2
Н	1.2mm max

### Recommended Land Patterns





SMD Power Inductors (NR series/NR se	eries H	type/S	type /	V type)
Type	A	В	С	]
NR 4010, NRS4010,				1
NR 4012, NRS4012,	1.2	2.8	3.7	
NR 4018, NRS4018				
unit: mm				

2013.12.05