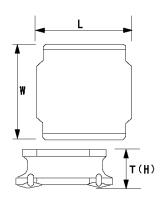
### Spec Sheet

# SMD Power Inductors (NR series)

## NR4012T3R3M



#### Products characteristics table

CaseSize (EIA/JIS)	-/4012
Inductance	3.3 µ H(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	1200mA
Rated Current -Temperature Rise Current	980mA
DC Resistance (max)	0.156Ω
Avg. of DC.Resistance	0.13Ω
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	50MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

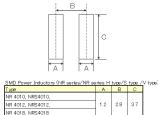
#### Features

- Item Summary
  - 3.3 μH(±20%), 1200mA, 980mA
- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
  Taping 4500pcs

External Dimensions		
L	4mm ±0.2	
W	4mm ±0.2	
Н	1.2mm max	

#### Recommended Land Patterns





The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification. 2013.12.05

**TAIYO YUDEN**