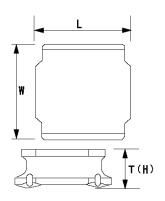
Spec Sheet

SMD Power Inductors (NR series) NR6045T4R5M



Products characteristics table

CaseSize (EIA/JIS)	-/6045
Inductance	4.5 µH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	4000mA
Rated Current -Temperature Rise Current	3000mA
DC Resistance (max)	0.0403Ω
Avg. of DC.Resistance	0.031Ω
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	25MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

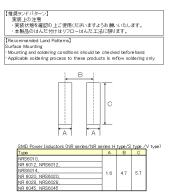
Features

- Item Summary
 - 4.5 μH(±20%), 4000mA, 3000mA
- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
 Taping 1500pcs

External Dimensions

L	6mm ±0.2
W	6mm ±0.2
н	4.5mm 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.

2013.11.28

TAIYO YUDEN