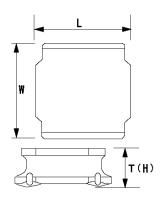
Spec Sheet

SMD Power Inductors (NR series)

NR6045T680M



Features

- Item Summary 68 μ H(±20%), 1000mA, 900mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
Taping 1500pcs

Products characteristics table

CaseSize (EIA/JIS)	-/6045
Inductance	68 μH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	1000mA
Rated Current -Temperature Rise Current	900mA
DC Resistance (max)	0.429Ω
Avg. of DC.Resistance	0.33Ω
Temperature Range	-25℃ to 120℃
Self-resonant Frequency (min)	4MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	6mm ±0.2
W	6mm ±0.2
Н	4.5mm max

Recommended Land Patterns





Type	A	В	0
NRS6010,		4.7	
NR 6012, NRS6012,			
NRS6014,	1.6		5.7
NR 6020, NRS6020,	1.0		0.7
NR 6028, NRS6028,			
NR 6045, NRS6045			

2013.12.05