



NRSE Series

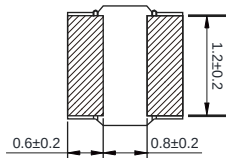
SMD Shielded Tiny Power Inductor

Size 2016

CHARACTERISTICS



Dimensions: [mm]



Land Pattern: [mm]

	Temperature Rise current Typ. (A)	Temperature Rise current Max. (A)	Satura on current Typ. (A)	Satura on current Max. (A)	Resistance Typ. (mΩ)	Resistance Max. (mΩ)
■	3.10	2.80		3.70	33.0	40.0
■	2.90	2.40		3.00	41.0	48.0
	2.60	2.30		2.30	50.0	60.0
	2.20	2.00		1.95	63.0	76.0
	1.60	1.45		1.65	96.0	114
	1.20	1.10		1.35	145	174
	1.15	1.05		1.20	215	265
	0.95	0.85		1.00	290	345
	0.80	0.70		0.75	400	480
	0.60	0.55		0.70	610	800
	0.60	0.53		0.68	730	840
	0.60	0.50		0.65	800	1000
	0.42	0.36		0.62	1100	1430
	0.38	0.30		0.50	1300	1700
	0.36	0.30		0.32	1400	1700

Electrical Properties:

Part No	Inductance @ 1MHz/ 1V (μH)							
NRSE2016-R24M	0.24							
NRSE2016-R33M	0.33							
NRSE2016-R47M	0.47							
NRSE2016-R68M	0.68							
NRSE2016-1R0M	1.00							
NRSE2016-1R5M	1.50							
NRSE2016-2R2M	2.20							
NRSE2016-3R3M	3.30							
NRSE2016-4R7M	4.70							
NRSE2016-6R8M	6.80							
NRSE2016-8R2M	8.20							
NRSE2016-100M	10.0							
NRSE2016-120M	12.0							
NRSE2016-150M	15.0							
NRSE2016-220M	22.0							

Operating temperature : -40℃ ~ +125℃

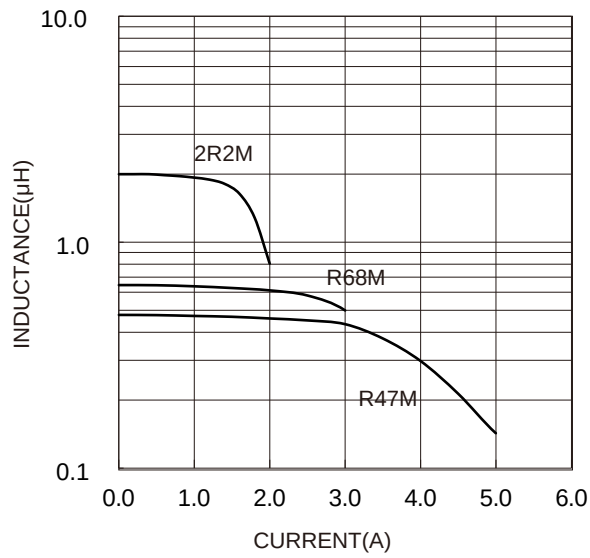
Temperature rise current: the actual value of DC current when the temperature rise is ΔT40℃

Saturation Current that will cause initial inductance to drop approximately 30%



Typical Electrical Characteristics:

Inductance VS DC Current Characteristics:



Temp. Rise VS DC Current Characteristics:

