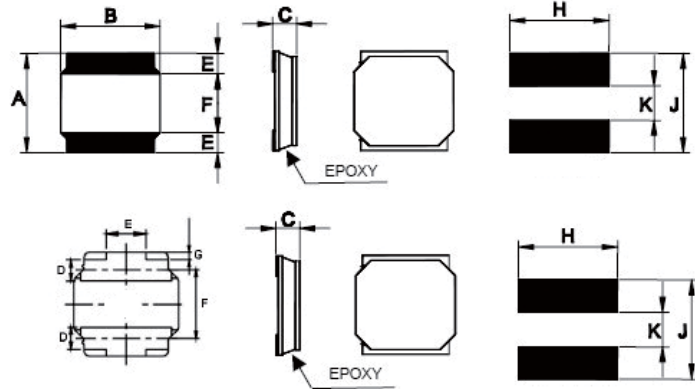


GNR Series

● Dimensions and Land Patterns. (UNIT: mm)

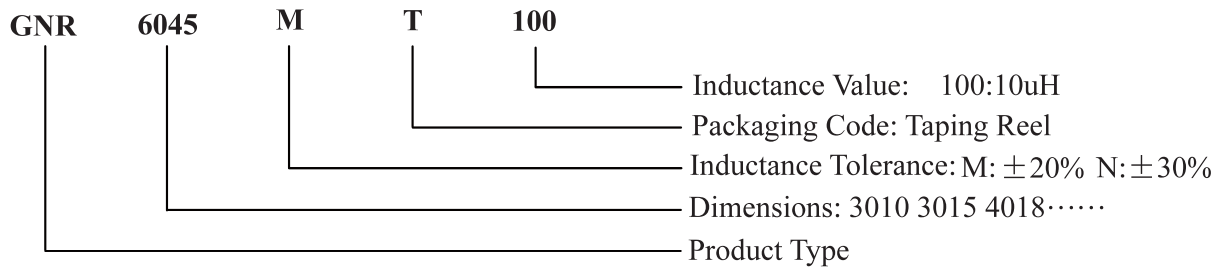


● Applications:

Notebook, Desktop, Modem equipment, LCD,OA equipment, other electronic equipment

TYPE	A ±0.2	B ±0.2	C (max)	D ±0.3	E ±0.2	F ±0.3	G ±0.2	H	J	K
GNR3010	3.0	3.0	1.0	-	0.90	1.9	-	2.7	3.0	0.8
GNR3015	3.0	3.0	1.5	-	0.90	1.9	-	2.7	3.0	0.8
GNR4018	4.0	4.0	1.8	-	1.10	2.5	-	3.7	4.0	1.2
GNR4020	4.0	4.0	2.0	-	1.10	2.5	-	3.7	4.0	1.2
GNR5020	5.0	5.0	2.0	2.3	1.25	3.6	0.3	4.7	5.0	1.5
GNR6028	6.0	6.0	2.8	2.3	1.30	4.0	0.3	5.7	6.3	1.6
GNR6045	6.0	6.0	4.5	2.3	1.30	4.0	0.3	5.7	6.3	1.6
GNR8040	8.0	8.0	4.0	-	1.60	4.0	-	7.5	8.0	1.8

● Part Numbering



Electrical characteristics List

GNR3010 Type

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GNR3010NT1R0	1.0	N	100KHZ/0.25V	0.065	1.30
GNR3010NT1R5	1.5	N	100KHZ/0.25V	0.080	1.20
GNR3010MT2R2	2.2	M	100KHZ/0.25V	0.095	1.10
GNR3010MT3R3	3.3	M	100KHZ/0.25V	0.140	0.87
GNR3010MT4R7	4.7	M	100KHZ/0.25V	0.190	0.75
GNR3010MT6R8	6.8	M	100KHZ/0.25V	0.300	0.61
GNR3010MT100	10	M	100KHZ/0.25V	0.450	0.50
GNR3010MT150	15	M	100KHZ/0.25V	0.740	0.40
GNR3010MT220	22	M	100KHZ/0.25V	1.03	0.35
GNR3010MT330	33	M	100KHZ/0.25V	1.55	0.26
GNR3010MT470	47	M	100KHZ/0.25V	2.05	0.22

Electrical characteristics List
GNR3015 Type

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GNR3015NT1R0	1.0	N	100KHZ/1V	0.030	2.35
GNR3015NT1R5	1.5	N	100KHZ/1V	0.050	1.70
GNR3015NT1R8	1.8	N	100KHZ/1V	0.050	1.70
GNR3015NT2R2	2.2	N	100KHZ/1V	0.060	1.70
GNR3015NT2R7	2.7	N	100KHZ/1V	0.075	1.60
GNR3015NT3R3	3.3	N	100KHZ/1V	0.080	1.43
GNR3015NT3R6	3.6	N	100KHZ/1V	0.105	1.36
GNR3015NT4R3	4.3	N	100KHZ/1V	0.115	1.20
GNR3015NT4R7	4.7	N	100KHZ/1V	0.125	1.14
GNR3015NT5R1	5.1	N	100KHZ/1V	0.125	1.09
GNR3015NT6R2	6.2	N	100KHZ/1V	0.150	0.98
GNR3015NT6R8	6.8	N	100KHZ/1V	0.200	0.85
GNR3015MT100	10	M	100KHZ/1V	0.250	0.77
GNR3015MT120	12	M	100KHZ/1V	0.320	0.68
GNR3015MT150	15	M	100KHZ/1V	0.350	0.65
GNR3015MT180	18	M	100KHZ/1V	0.430	0.59
GNR3015MT220	22	M	100KHZ/1V	0.460	0.57
GNR3015MT270	27	M	100KHZ/1V	0.730	0.45
GNR3015MT330	33	M	100KHZ/1V	0.820	0.43
GNR3015MT390	39	M	100KHZ/1V	0.995	0.39
GNR3015MT430	43	M	100KHZ/1V	1.060	0.37
GNR3015MT470	47	M	100KHZ/1V	1.250	0.35
GNR3015MT560	56	M	100KHZ/1V	1.280	0.34
GNR3015MT620	62	M	100KHZ/1V	1.430	0.32

GNR4018 Type

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GNR4018NT1R0	1.0	N	100KHZ/1V	0.03	4.00
GNR4018NT2R2	2.2	N	100KHZ/1V	0.06	2.70
GNR4018NT3R3	3.3	N	100KHZ/1V	0.07	2.00
GNR4018NT4R7	4.7	N	100KHZ/1V	0.09	1.70
GNR4018NT6R8	6.8	N	100KHZ/1V	0.11	1.45
GNR4018MT100	10	M	100KHZ/1V	0.18	1.20
GNR4018MT150	15	M	100KHZ/1V	0.25	0.94
GNR4018MT220	22	M	100KHZ/1V	0.36	0.80
GNR4018MT330	33	M	100KHZ/1V	0.53	0.65
GNR4018MT470	47	M	100KHZ/1V	0.65	0.57
GNR4018MT680	68	M	100KHZ/1V	1.00	0.47
GNR4018MT101	100	M	100KHZ/1V	1.50	0.40
GNR4018MT151	150	M	100KHZ/1V	2.50	0.31
GNR4018MT221	220	M	100KHZ/1V	4.00	0.27

Electrical characteristics List

GNR4020 Type

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GNR4020NT1R0	1.0	N	100KHZ/1V	0.029	4.78
GNR4020NT1R2	1.2	N	100KHZ/1V	0.029	5.10
GNR4020NT1R5	1.5	N	100KHZ/1V	0.035	4.45
GNR4020NT2R2	2.2	N	100KHZ/1V	0.040	3.40
GNR4020NT3R3	3.3	N	100KHZ/1V	0.070	3.20
GNR4020NT3R6	3.6	N	100KHZ/1V	0.055	2.80
GNR4020NT4R7	4.7	N	100KHZ/1V	0.075	2.35
GNR4020NT5R1	5.1	N	100KHZ/1V	0.085	2.30
GNR4020NT5R6	5.6	N	100KHZ/1V	0.090	2.20
GNR4020NT6R2	6.2	N	100KHZ/1V	0.115	2.15
GNR4020NT6R8	6.8	N	100KHZ/1V	0.125	2.20
GNR4020NT7R5	7.5	N	100KHZ/1V	0.115	1.85
GNR4020NT8R2	8.2	N	100KHZ/1V	0.125	1.75
GNR4020MT100	10	M	100KHZ/1V	0.165	1.60
GNR4020MT120	12	M	100KHZ/1V	0.175	1.50
GNR4020MT150	15	M	100KHZ/1V	0.230	1.35
GNR4020MT220	22	M	100KHZ/1V	0.350	1.05
GNR4020MT270	27	M	100KHZ/1V	0.545	1.02
GNR4020MT330	33	M	100KHZ/1V	0.550	0.85
GNR4020MT390	39	M	100KHZ/1V	0.650	0.82
GNR4020MT430	43	M	100KHZ/1V	0.660	0.77
GNR4020MT470	47	M	100KHZ/1V	0.710	0.74
GNR4020MT510	51	M	100KHZ/1V	0.750	0.70
GNR4020MT560	56	M	100KHZ/1V	0.800	0.66
GNR4020MT620	62	M	100KHZ/1V	0.900	0.65
GNR4020MT680	68	M	100KHZ/1V	1.06	0.61
GNR4020MT750	75	M	100KHZ/1V	1.16	0.70
GNR4020MT820	82	M	100KHZ/1V	1.17	0.50
GNR4020MT101	100	M	100KHZ/1V	1.55	0.48

Electrical characteristics List
GNR5020 Type

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GNR5020NT1R0	1.0	N	100KHZ/1V	0.020	3.80
GNR5020NT1R2	1.2	N	100KHZ/1V	0.022	3.55
GNR5020NT1R5	1.5	N	100KHZ/1V	0.026	3.20
GNR5020NT2R2	2.2	N	100KHZ/1V	0.032	2.90
GNR5020NT2R7	2.7	N	100KHZ/1V	0.038	2.70
GNR5020NT3R0	3.0	N	100KHZ/1V	0.038	2.70
GNR5020NT3R3	3.3	N	100KHZ/1V	0.043	2.50
GNR5020NT3R6	3.6	N	100KHZ/1V	0.043	2.50
GNR5020NT3R9	3.9	N	100KHZ/1V	0.043	2.50
GNR5020NT4R3	4.3	N	100KHZ/1V	0.057	2.20
GNR5020NT4R7	4.7	N	100KHZ/1V	0.057	2.20
GNR5020NT5R1	5.1	N	100KHZ/1V	0.064	2.05
GNR5020NT5R6	5.6	N	100KHZ/1V	0.064	2.05
GNR5020NT6R8	6.8	N	100KHZ/1V	0.083	1.80
GNR5020NT7R5	7.5	N	100KHZ/1V	0.090	1.75
GNR5020NT8R2	8.2	N	100KHZ/1V	0.098	1.65
GNR5020MT100	10	M	100KHZ/1V	0.110	1.55
GNR5020MT120	12	M	100KHZ/1V	0.140	1.40
GNR5020MT150	15	M	100KHZ/1V	0.165	1.25
GNR5020MT180	18	M	100KHZ/1V	0.200	1.15
GNR5020MT220	22	M	100KHZ/1V	0.226	1.11

GNR6028 Type

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GNR6028NT0R9	0.9	N	100KHZ/1V	0.013	4.60
GNR6028NT1R5	1.5	N	100KHZ/1V	0.016	4.20
GNR6028NT2R2	2.2	N	100KHZ/1V	0.020	3.70
GNR6028NT3R3	3.0	N	100KHZ/1V	0.023	3.40
GNR6028NT4R7	4.7	N	100KHZ/1V	0.031	3.00
GNR6028NT6R8	6.8	N	100KHZ/1V	0.040	2.50
GNR6028MT100	10	M	100KHZ/1V	0.065	1.90
GNR6028MT150	15	M	100KHZ/1V	0.095	1.80
GNR6028MT220	22	M	100KHZ/1V	0.135	1.40
GNR6028MT330	33	M	100KHZ/1V	0.220	1.10
GNR6028MT470	47	M	100KHZ/1V	0.300	0.92
GNR6028MT680	68	M	100KHZ/1V	0.420	0.77
GNR6028MT101	100	M	100KHZ/1V	0.600	0.66

Electrical characteristics List

GNR6045 Type

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GNR6045NT1R0	1.0	N	100KHZ/1V	0.0182	4.2
GNR6045NT1R8	1.8	N	100KHZ/1V	0.0234	3.7
GNR6045NT2R3	2.3	N	100KHZ/1V	0.0273	3.5
GNR6045NT3R0	3.0	N	100KHZ/1V	0.0312	3.2
GNR6045NT4R5	4.5	N	100KHZ/1V	0.0403	3.0
GNR6045NT6R3	6.3	N	100KHZ/1V	0.0494	2.8
GNR6045MT100	10	M	100KHZ/1V	0.0611	2.5
GNR6045MT150	15	M	100KHZ/1V	0.1001	1.9
GNR6045MT220	22	M	100KHZ/1V	0.1495	1.5
GNR6045MT330	33	M	100KHZ/1V	0.1885	1.4
GNR6045MT470	47	M	100KHZ/1V	0.2860	1.1
GNR6045MT680	68	M	100KHZ/1V	0.4290	0.9
GNR6045MT101	100	M	100KHZ/1V	0.6500	0.7

GNR8040 Type

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GNR8040NT1R0	1.0	N	100KHZ/1V	0.0078	7.8
GNR8040NT1R8	1.8	N	100KHZ/1V	0.0091	7.0
GNR8040NT2R3	2.3	N	100KHZ/1V	0.0117	6.3
GNR8040NT3R0	3.0	N	100KHZ/1V	0.0195	4.9
GNR8040NT4R5	4.5	N	100KHZ/1V	0.0234	4.1
GNR8040NT6R3	6.3	N	100KHZ/1V	0.0325	3.7
GNR8040MT100	10	M	100KHZ/1V	0.0442	3.1
GNR8040MT150	15	M	100KHZ/1V	0.0650	2.4
GNR8040MT220	22	M	100KHZ/1V	0.0858	2.2
GNR8040MT330	33	M	100KHZ/1V	0.1300	1.7
GNR8040MT470	47	M	100KHZ/1V	0.1950	1.4
GNR8040MT680	68	M	100KHZ/1V	0.2990	1.1
GNR8040MT101	100	M	100KHZ/1V	0.3770	1.0