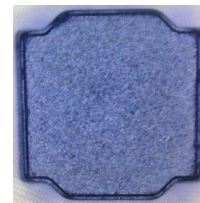


SMD Wire Wound Power Inductor

GCNR4018 Series

FEATURES

- Metallization on Ferrite Core Result in Excellent Thermal Shock
- Magnetic Resin Shielded Construction Reduce Buzz Noise to Ultra Low Levels
- Closed Magnetic Circuit Design Reduces Leakage Flux and Excellent for EMI
- Operating Temperature Range: -40°C~+125°C(Including Self- Temperature Rise)
- RoHS Compliant



PART NUMBER CONSTRUCTION

GCNR4018

-

4R7

M

T

Series

Inductance*

Tolerance①

Packing②

① Tolerance: M = 20% N = 30%

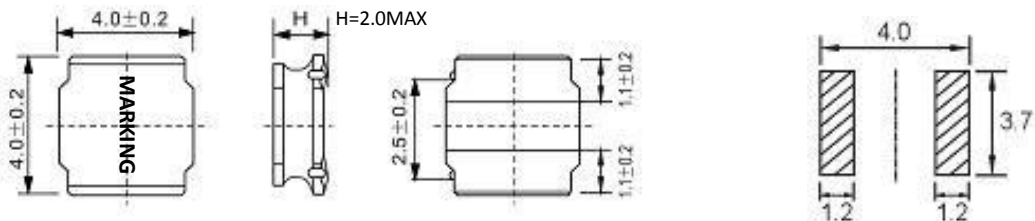
② Packing: B = Bulk T = Tape and Reel

*Refer to Electrical Specification table

ELECTRICAL SPECIFICATIONS

Part Number	Inductance (μH)	DCR(mΩ) ±30%	I _{rms} (A)	I _{sat} (A)	Test Frequency (KHz/V)
GCNR4018-1R0N	1.0	23	2.00	4.00	100KHz/1V
GCNR4018-1R5N	1.5	33	1.80	3.35	100KHz/1V
GCNR4018-2R2M	2.2	42	1.75	2.70	100KHz/1V
GCNR4018-3R3M	3.3	70	1.23	2.00	100KHz/1V
GCNR4018-4R7M	4.7	90	1.20	1.70	100KHz/1V
GCNR4018-5R6M	5.6	103	1.15	1.60	100KHz/1V
GCNR4018-6R8M	6.8	124	1.06	1.45	100KHz/1V
GCNR4018-100M	10	200	0.90	1.30	100KHz/1V
GCNR4018-150M	15	268	0.65	0.94	100KHz/1V
GCNR4018-220M	22	390	0.59	0.80	100KHz/1V
GCNR4018-330M	33	560	0.55	0.67	100KHz/1V
GCNR4018-470M	47	850	0.42	0.60	100KHz/1V

PRODUCT DIMENSIONS(Unit:mm)



RECOMMENDED LANDING PATTERN