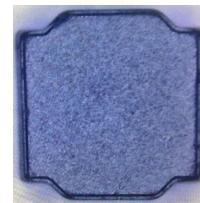


SMD Wire Wound Power Inductor

GCNR4030 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

GCNR4030

-

4R7

M

T

Series

Inductance*

Tolerance①

Packing②

① Tolerance: M = 20% N = 30%

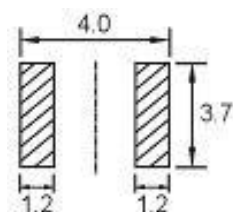
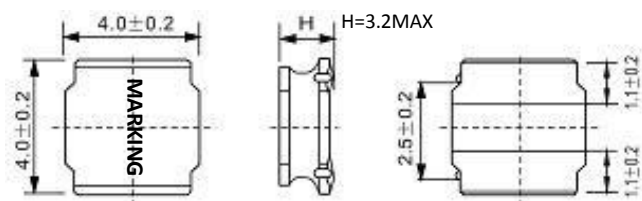
② Packing: B = Bulk T = Tape and Reel

*Refer to Electrical Specification table

ELECTRICAL SPECIFICATIONS

Part Number	Inductance (μH)	DCR(mΩ) ±30%	I _{rms} (A)	I _{sat} (A)	Test Frequency (KHz/V)
GCNR4030-1R0N	1.0	14	4.15	5.26	100KHz/1V
GCNR4030-1R5N	1.5	20	3.34	4.20	100KHz/1V
GCNR4030-2R2M	2.2	30	2.95	3.80	100KHz/1V
GCNR4030-3R3M	3.3	40	2.40	3.30	100KHz/1V
GCNR4030-4R7M	4.7	60	2.00	2.90	100KHz/1V
GCNR4030-6R8M	6.8	90	1.60	2.00	100KHz/1V
GCNR4030-100M	10	100	1.50	1.85	100KHz/1V
GCNR4030-150M	15	190	1.11	1.45	100KHz/1V
GCNR4030-220M	22	225	1.00	1.30	100KHz/1V
GCNR4030-330M	33	330	0.84	1.00	100KHz/1V
GCNR4030-470M	47	445	0.72	0.80	100KHz/1V
GCNR4030-680M	68	868	0.52	0.70	100KHz/1V
GCNR4030-820M	85	1060	0.47	0.66	100KHz/1V
GCNR4030-101M	100	1150	0.45	0.60	100KHz/1V

PRODUCT DIMENSIONS(Unit:mm)



RECOMMENDED LANDING PATTERN