

SMD Molded Power Inductor

**GCDA0620 Series**



**FEATURES**

- Integrated Shielding Construction
- Alloy Material with Excellent withstanding Current Characteristics
- Featured with High Inductance and Low DCR Characteristics
- Variable Inductance Value (0.10uH ~ 10uH) with Wide Frequency Range
- Operating Range: -45°C~+125°C(Including Self- Temperature Rise)
- RoHS Compliant

**PART NUMBER CONSTRUCTION**

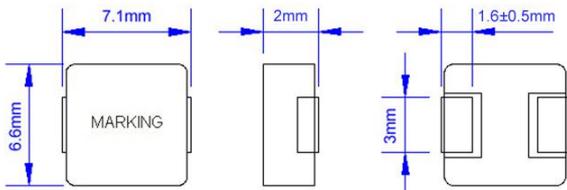


① Tolerance: M = 20% N = 30%  
 ② Packing: B = Bulk T = Tape and Reel  
 \*Refer to Electrical Specification table

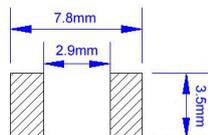
**ELECTRICAL SPECIFICATIONS**

Part Number	Inductance(μH) ±20%	DCR(mΩ)		Irms (A)	Isat (A)
		Typical	Max		
GCDA0620-R10M	0.10	2.2	3.5	20	35
GCDA0620-R22M	0.22	2.8	4.5	15	28
GCDA0620-R33M	0.33	4.5	7.0	12	25
GCDA0620-R47M	0.47	7.0	9.0	10	22
GCDA0620-R68M	0.68	9.0	12	9.0	18
GCDA0620-1R0M	1.0	16.5	21	7.0	14
GCDA0620-1R5M	1.5	24	32	6.0	12
GCDA0620-2R2M	2.2	31	40	5.0	9.0
GCDA0620-3R3M	3.3	45	55	4.0	7.0
GCDA0620-4R7M	4.7	77	90	3.5	6.0
GCDA0620-6R8M	6.8	114	140	2.5	5.0
GCDA0620-100M	10	155	170	2.0	4.0

**PRODUCT DIMENSIONS**

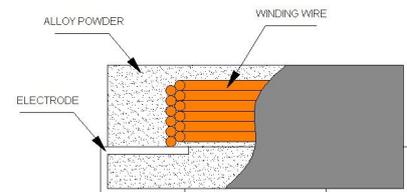


**RECOMMENDED LANDING PATTERN**



**MATERIALS & STRUCTURE**

- Core:** Alloy Powder
- Wire:** Copper
- Terminal:** Nickel Plating
- Ink:** Black



**PACKING**  
2000PCS/REEL