

SMD Molded Power Inductor

GCDA0624 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

GCDA0624

Series

2R2

Inductance*

M

Tolerance①

T

Packing②

① Tolerance: M = 20% N = 30%

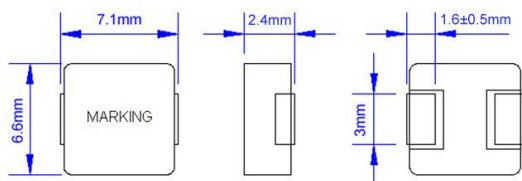
② Packing: B = Bulk T = Tape and Reel

*Refer to Electrical Specification table

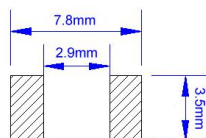
ELECTRICAL SPECIFICATIONS

Part Number	Inductance(μH) ±20%	DCR(mΩ)		Irms (A)	Isat (A)
		Typical	Max		
GCDA0624-R10M	0.10	1.8	2.5	22	40
GCDA0624-R22M	0.22	2.7	3.6	18	32
GCDA0624-R47M	0.47	5.0	7.5	12	25
GCDA0624-R68M	0.68	6.9	10	9.0	18
GCDA0624-1R0M	1.0	11	13	8.0	16
GCDA0624-1R5M	1.5	16	21	7.0	14
GCDA0624-2R2M	2.2	25	32	6.0	11
GCDA0624-3R3M	3.3	34	41	5.0	9.0
GCDA0624-4R7M	4.7	42.5	50	4.0	9.0
GCDA0624-6R8M	6.8	65	73	3.0	6.0
GCDA0624-100M	10	88	100	2.5	4.5

PRODUCT DIMENSIONS



RECOMMENDED LANDING PATTERN



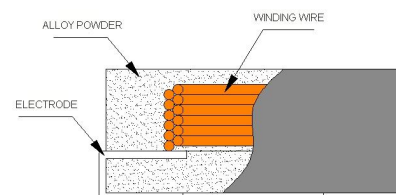
MATERIALS & STRUCTURE

Core: Alloy Powder

Wire: Copper

Terminal: Nickel Plating

Ink: Black



PACKING

2000PCS/REEL