

SMD Wire Wound Power Inductor

GCRH2D14A Series



FEATURES

- Low Profile, Low RDC, Low Resistance and High Current Handling Capacities
- Magnetically Shielded Constructure Ensures the High-density Mounting Configurations
- 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

GCRH2D14A

4R7

M

T

Series

Inductance*

Tolerance①

Packing②

① Tolerance: M = 20% N = 30%

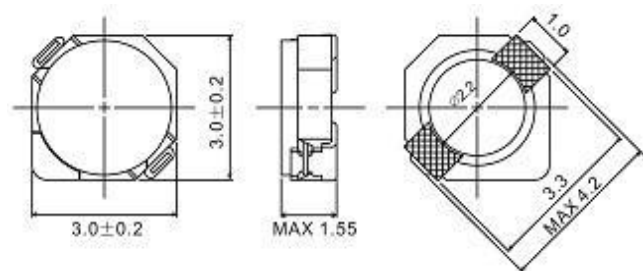
② Packing: B = Bulk T = Tape and Reel

*Refer to Electrical Specification table

ELECTRICAL SPECIFICATIONS

Part Number	Inductance (μH)	DCR(mΩ)	Test Frequency (KHz)	Isat (A)
GCRH2D14A-1R5N	1.5	63	100	1.80
GCRH2D14A-1R8N	1.8	75	100	1.65
GCRH2D14A-2R2M	2.2	94	100	1.50
GCRH2D14A-2R7M	2.7	106	100	1.35
GCRH2D14A-3R3M	3.3	125	100	1.20
GCRH2D14A-3R9M	3.9	138	100	1.10
GCRH2D14A-4R7M	4.7	169	100	1.00
GCRH2D14A-5R6M	5.6	188	100	0.95
GCRH2D14A-6R8M	6.8	213	100	0.85
GCRH2D14A-8R2M	8.2	281	100	0.80
GCRH2D14A-100M	10	294	100	0.70
GCRH2D14A-120M	12	394	100	0.62
GCRH2D14A-220M	22	774	100	0.42
GCRH2D14A-330M	33	1200	100	0.40

PRODUCT DIMENSIONS(Unit:mm)



RECOMMENDED LANDING PATTERN