

SMD Wire Wound Power Inductor

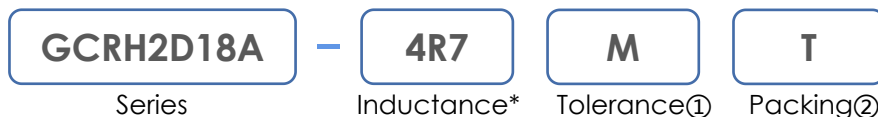
GCRH2D18A Series



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



① Tolerance: M = 20% N = 30%

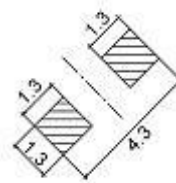
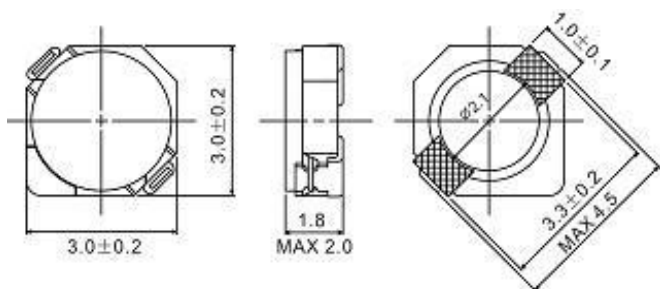
② Packing: B = Bulk T = Tape and Reel

*Refer to Electrical Specification table

ELECTRICAL SPECIFICATIONS

Part Number	Inductance (μH)	DCR(mΩ)	Test Frequency (KHz)	Isat (A)
GCRH2D18AHP-2R2M	2.2	86	100	1.60
GCRH2D18AHP-3R3M	3.3	143	100	1.45
GCRH2D18AHP-4R7M	4.7	188	100	1.20
GCRH2D18AHP-6R8N	6.8	195	100	1.00
GCRH2D18AHP-100M	10	245	100	0.85
GCRH2D18AHP-150M	15	345	100	0.70
GCRH2D18AHP-220M	22	585	100	0.60
GCRH2D18AHP-330M	33	900	100	0.50
GCRH2D18AHP-470M	47	1443	100	0.35

PRODUCT DIMENSIONS(Unit:mm)



RECOMMENDED LANDING PATTERN