

1 Product Identification

GDNRA 4020 - 6R8 M T F
① ② ③ ④ ⑤ ⑥

① Product Alloy Series

② Dimensions (See two)

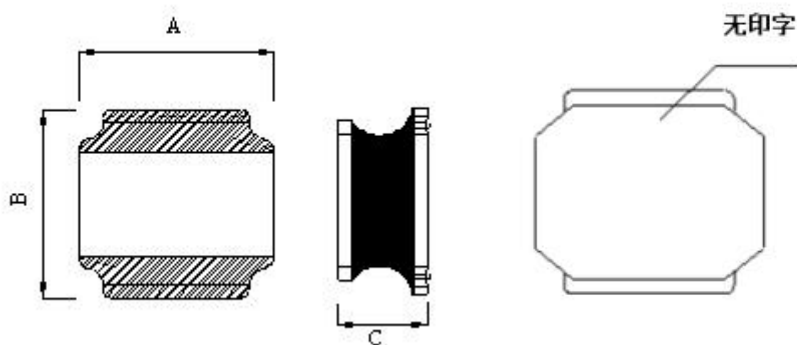
③ Inductance Value (6R8:6.8μH)

④ Inductance Tolerance (J:±5%;K:±10%; M:±20%; N:±30%)

⑤ Packaging Style (B: Bulk; T: Tape & Reel)

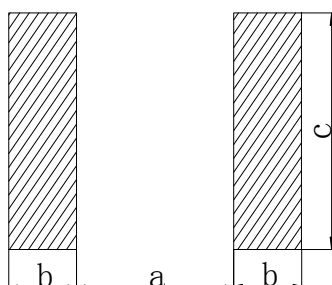
⑥ Lead Free

2 Appearance, Dimensions(mm)



A	B	C
4.0±0.2	4.0±0.2	2.0 Max

LAND PATTERN DIMENSIONS



/	mm
a	1.6
b	1.25
c	3.7

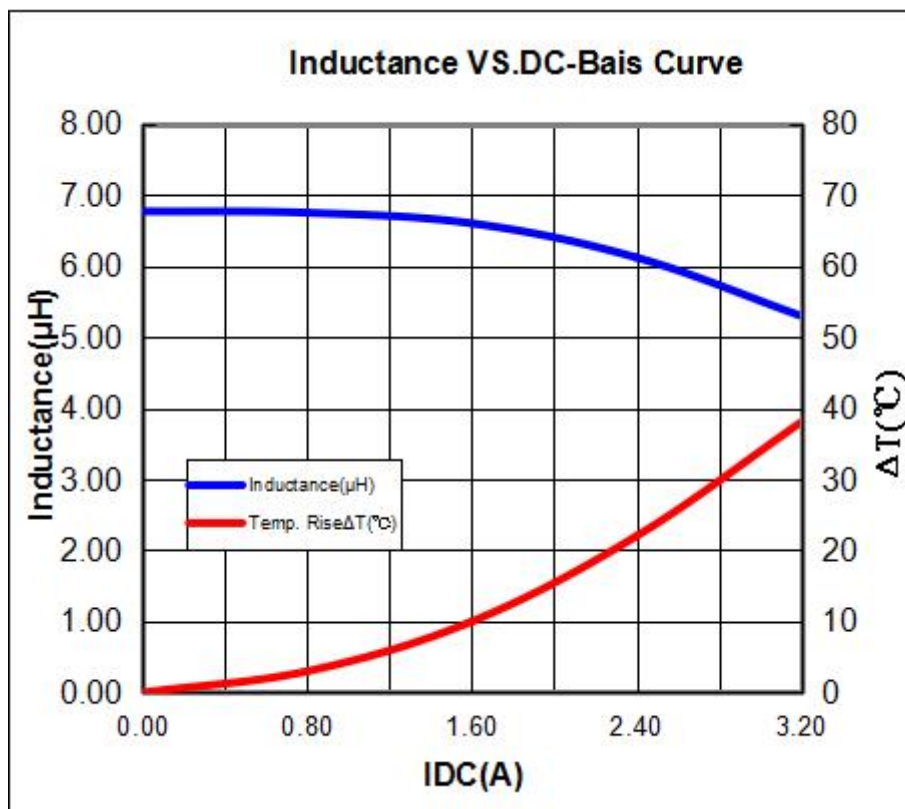
3 Specifications

Part No.	Inductance L0(μ H) $\pm 20\%$ @100KHz/1V	RDC (m Ω)Max	Saturation Current (A)Max	Heat Rating Current (A)Max
GDNRA4020-6R8MTF	6.8	160	3.0	2.4

※ Note

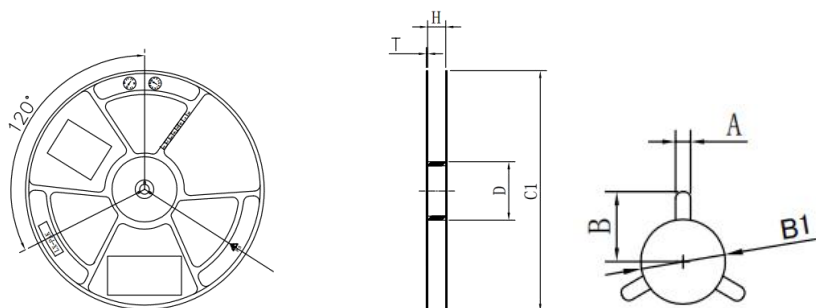
*Rated current is the DC current that reduces the initial inductance by 30% or when the temperature rises $\Delta T = 40^\circ\text{C}$

4 Curve



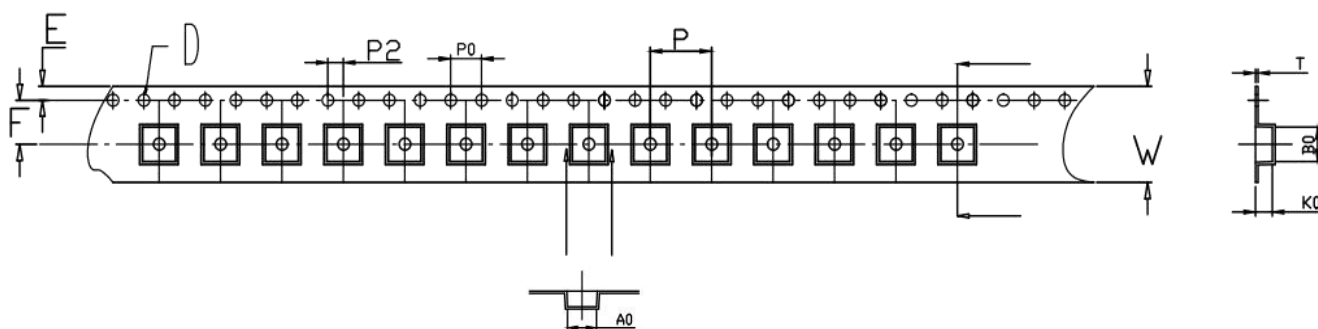
5 Packaging

(1) Dimensions of Reel (mm)



	Size (mm)
C1	330 ± 3.0
H	12.8 ± 0.5
A	2.5 ± 0.3
B	10.75 ± 0.3
B1	$13 + 0.5 / - 0.2$
T	2.0 ± 0.2
D	100 ± 1.0

(2) Dimensions of Tape (mm):



W	A0	B0	K0	P	F	E	D	P0	P2	T	Packaging quantity
12.0 ± 0.3	4.5 ± 0.1	4.5 ± 0.1	2.2 ± 0.1	8.0 ± 0.1	5.5 ± 0.1	1.75 ± 0.1	$1.5 + 0.1 / - 0.0$	4.0 ± 0.1	2.0 ± 0.1	0.3 ± 0.05	3000PCS/REEL