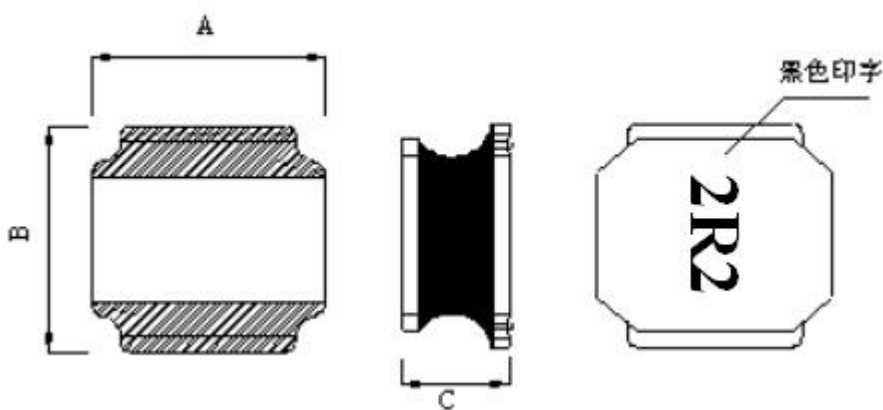


1 Product Identification

GDNR 4018 - 2R2 M T F
① ② ③ ④ ⑤ ⑥

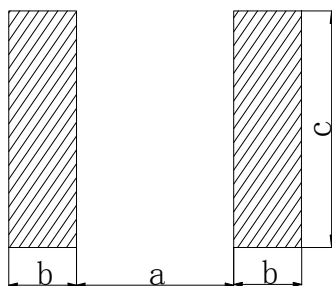
- ① Product Symbol
- ② Dimensions (See two)
- ③ Inductance Value (2R2:2.2μH)
- ④ Inductance Tolerance (J:±5%;K:±10%; M:±20%; N:±30%)
- ⑤ Packaging Style (B: Bulk; T: Tape & Reel)
- ⑥ Lead Free

2 Appearance, Dimensions(mm)



A	B	C
4.0±0.2	4.0±0.2	1.8 Max

LAND PATTERN DIMENSIONS



/	mm
a	1.9
b	1.1
c	3.7



3 Specifications

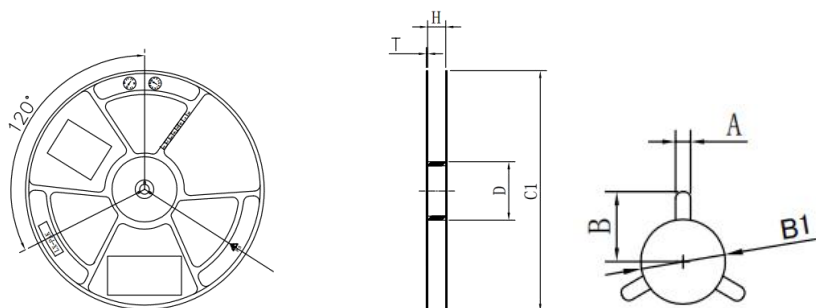
Part No.	Inductance L0(uH) $\pm 20\%$ @100KHz/1V	RDC (m Ω)	Saturation Current (A)Max	Heat Rating Current (A)Max
GDNR4018-2R2MTF	2.2	$55 \pm 30\%$	3.0	2.5
GDNR4018-6R8MTF	6.8	$150 \pm 30\%$	1.65	1.4

※ Note

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

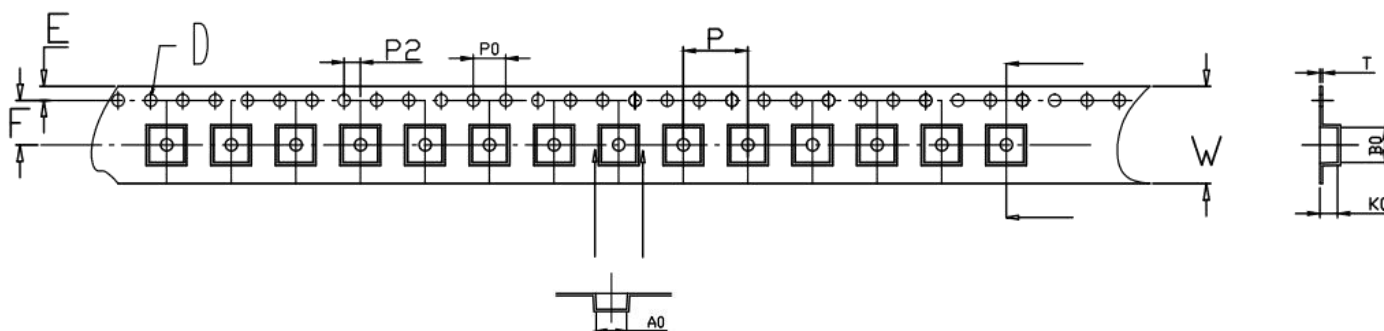
4 Packaging

(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	2.0 ± 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	0.30 ± 0.05	3000PCS/REEL