1 Product Identification

GDNR	5040	-	2R2	M	T	F
①	②		③	④	⑤	⑥

① Product Symbol

② Dimensions（See two）

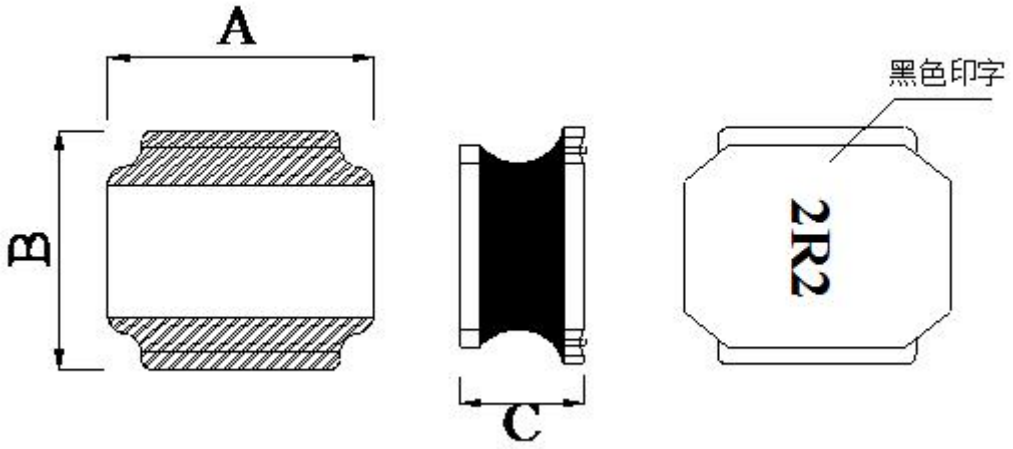
③ Inductance Value (2R2:2.2μH)

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

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

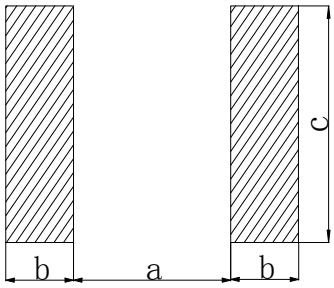
⑥ Lead Free

2 Appearance, Dimensions(mm)



A	B	C
5.0±0.2	5.0±0.2	4.0 Max

LAND PATTERN DIMENSIONS



/	mm
a	2.3
b	1.4
c	4.2

3 Specifications

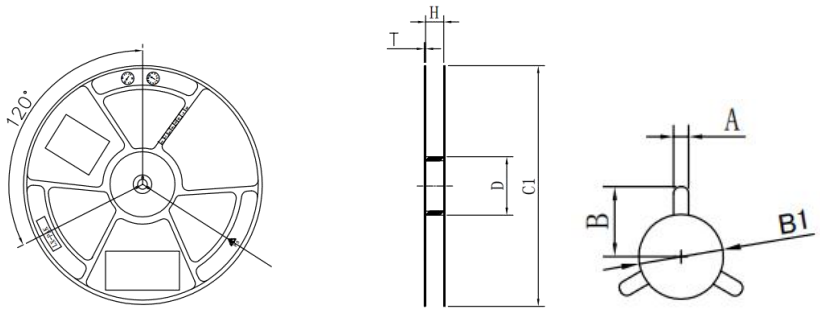
Part No.	Inductance L0(uH) ±20% @100KHz/1V	RDC (mΩ)	Saturation Current (A)Max	Heat Rating Current (A)Max
GDNR5040-2R2MTF	2.2	22±30%	5.0	3.7
GDNR5040-3R3MTF	3.3	27±30%	4.0	3.3
GDNR5040-4R7MTF	4.7	32±30%	3.3	3.1
GDNR5040-6R8MTF	6.8	48±30%	2.8	2.4
GDNR5040-100MTF	10	65±30%	2.3	2.1

※ Note

*Rated current is the DC current that reduces the initial inductance by 30% or when the temperature rises △ T = 40℃

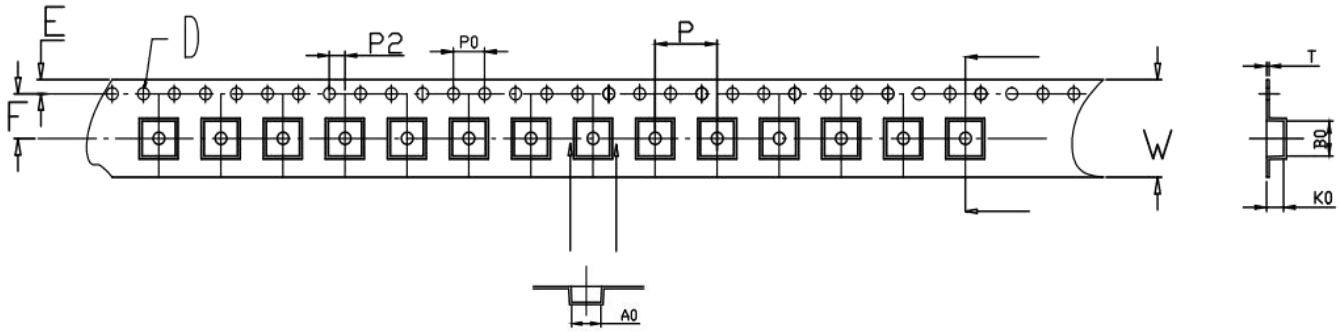
4 Packaging

(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	5.6 ±0.1	5.6 ±0.1	4.5 ±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	0.40 ±0.05	1500PCS/REEL