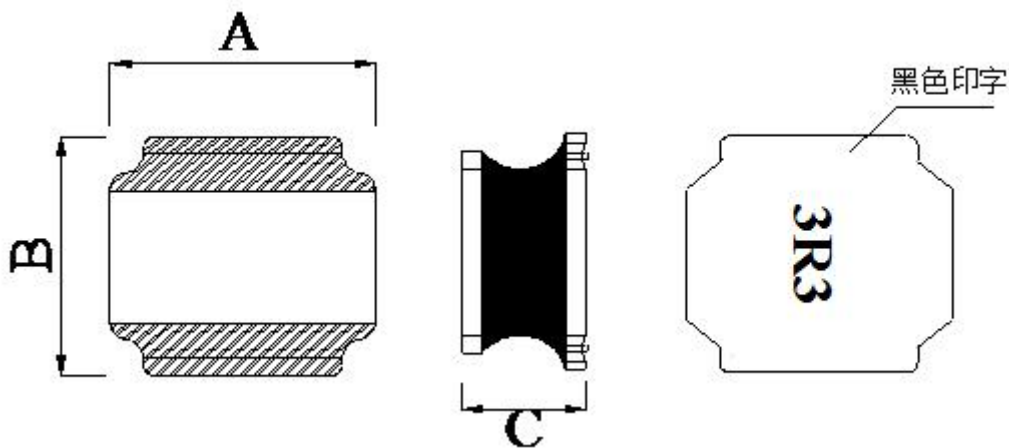


1 Product Identification

GDNR 6045 - 3R3 M T F
① ② ③ ④ ⑤ ⑥

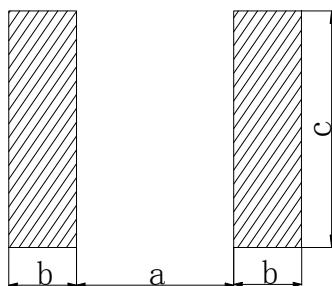
- ① Product Symbol
- ② Dimensions (See two)
- ③ Inductance Value (3R3:3.3μH)
- ④ Inductance Tolerance (J:±5%;K:±10%; M:±20%; N:±30%)
- ⑤ Packaging Style (B: Bulk; T: Tape & Reel)
- ⑥ Lead Free

2 Appearance, Dimensions(mm)



A	B	C
6.0±0.2	6.0±0.2	4.5 Max

LAND PATTERN DIMENSIONS



/	mm
a	2.8
b	1.7
c	5.7



3 Specifications

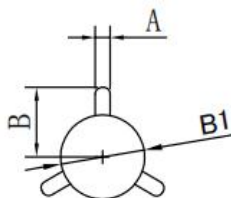
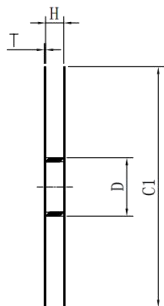
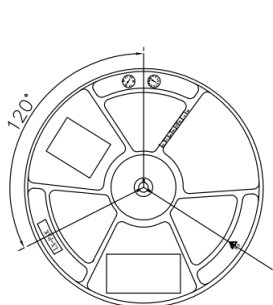
Part No.	Inductance L0(uH) @100KHz/1V	RDC (mΩ)	Saturation Current (A)Max	Heat Rating Current (A)Max
GDNR6045-3R3MTF	3.3 ± 20%	28 ± 30%	5.0	3.35
GDNR6045-4R7MTF	4.7 ± 20%	30 ± 30%	3.5	3.3
GDNR6045-6R8MTF	6.8 ± 20%	40 ± 30%	3.3	3.0
GDNR6045-150MTF	15.0 ± 20%	70 ± 30%	2.2	1.85
GDNR6045-220MTF	22.0 ± 20%	105 ± 30%	2.0	1.5
GDNR6045-330KTF	33.0 ± 10%	160 ± 30%	1.5	1.35

※ Note

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

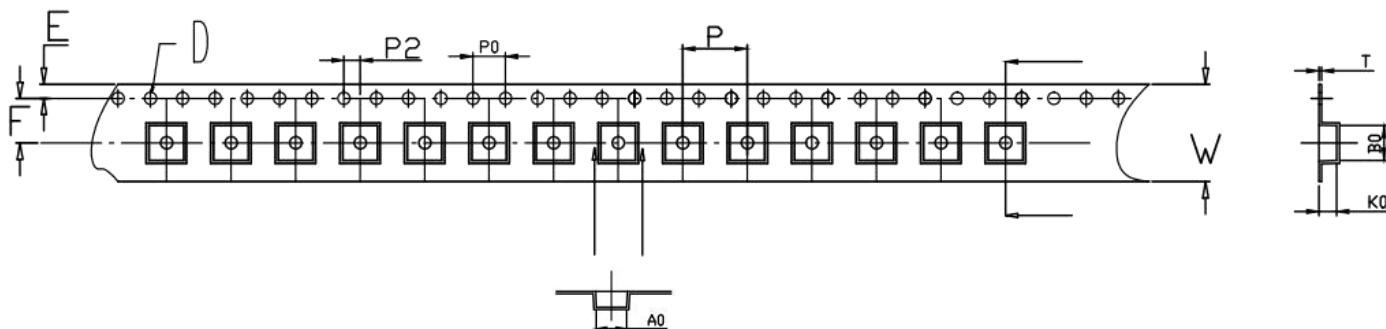
4 Packaging

(1) Dimensions of Reel (mm)



	Size (mm)
C1	330 ± 3.0
H	16.8 ± 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
16.0 ± 0.3	6.6 ± 0.1	6.6 ± 0.1	4.5 ± 0.1	12.0 ± 0.1	7.5 ± 0.1	1.75 ± 0.1	$1.5+0.1/-0.0$	4.0 ± 0.1	2.0 ± 0.1	0.4 ± 0.05	1000PCS/REEL