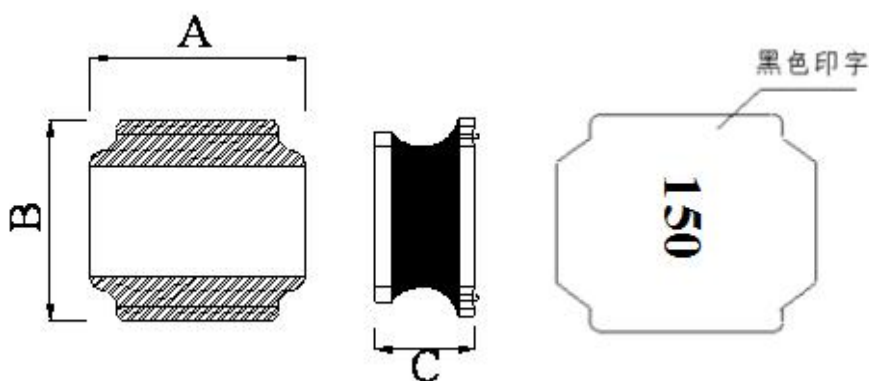


1 Product Identification

GDNR 8040 - 150 M T F
① ② ③ ④ ⑤ ⑥

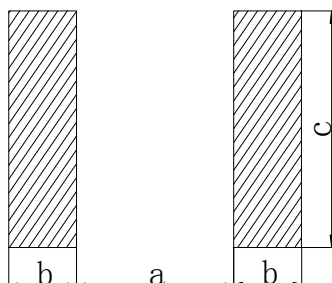
- ① Product Symbol
- ② Dimensions (See two)
- ③ Inductance Value (150:15.0μH)
- ④ Inductance Tolerance (J:±5%;K:±10%; M:±20%; N:±30%)
- ⑤ Packaging Style (B: Bulk; T: Tape & Reel)
- ⑥ Lead Free

2 Appearance, Dimensions(mm)



A	B	C
8.0±0.2	8.0±0.2	4.0Max

LAND PATTERN DIMENSIONS



/	mm
a	3.8
b	2.5
c	7.5



3 Specifications

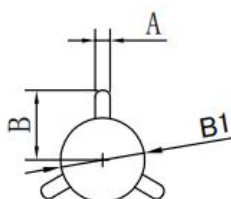
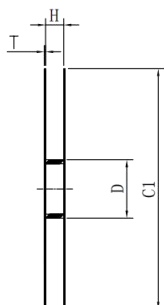
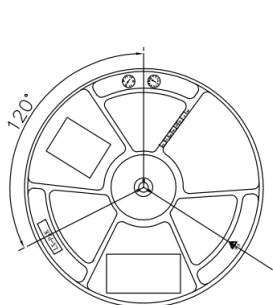
Part No.	Inductance L0(uH) $\pm 20\%$ @100KHz/1V	RDC (m Ω)	Saturation Current (A)Max	Heat Rating Current (A)Max
GDNR8040-150MTF	15	50 $\pm 30\%$	2.8	2.4
GDNR8040-220MTF	22	66 $\pm 30\%$	2.3	2.2
GDNR8040-330MTF	33	97 $\pm 30\%$	2.05	1.8
GDNR8040-470MTF	47	136 $\pm 30\%$	1.75	1.55
GDNR8040-331MTF	330	1100 $\pm 30\%$	0.68	0.5

※ Note

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

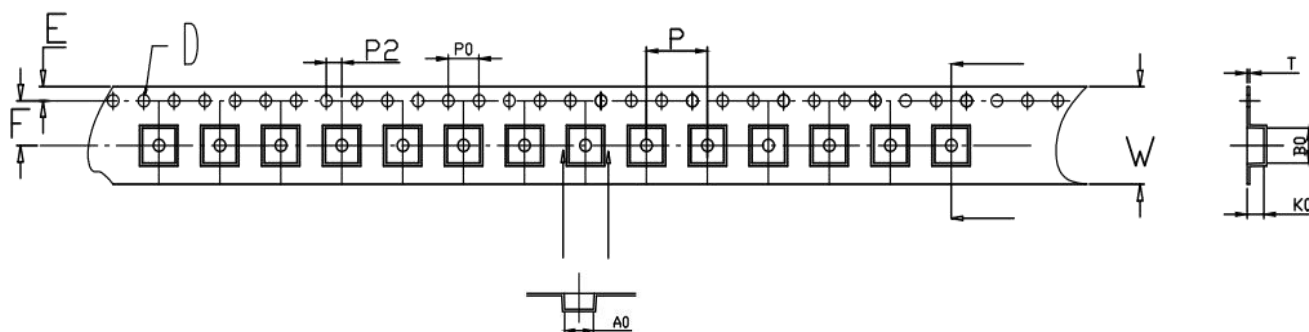
4 Packaging

(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	8.6 ± 0.1	8.6 ± 0.1	4.6 ± 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	0.40 ± 0.05	1000PCS/REEL