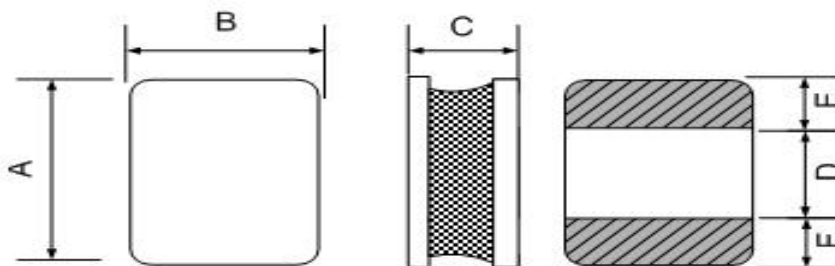


1 Product Identification

GDNRA 201610 - R33 N T F
① ② ③ ④ ⑤ ⑥

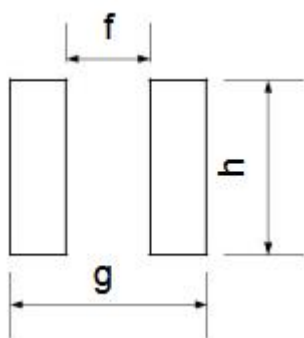
- ① Product Alloy Series
- ② Dimensions (See two)
- ③ Inductance Value (R33:0.33 μ H)
- ④ Inductance Tolerance (J: $\pm$ 5%;K: $\pm$ 10%; M: $\pm$ 20%; N: $\pm$ 30%)
- ⑤ Packaging Style (B: Bulk; T: Tape & Reel)
- ⑥ Lead Free

2 Appearance, Dimensions(mm)



A	B	C	D	E
2.00 $\pm$ 0.30	1.60 $\pm$ 0.30	1.05Max.	0.70 $\pm$ 0.2	0.70 $\pm$ 0.2

LAND PATTERN DIMENSIONS



/	mm
f	0.6
g	2.2
h	1.7



3 Specifications

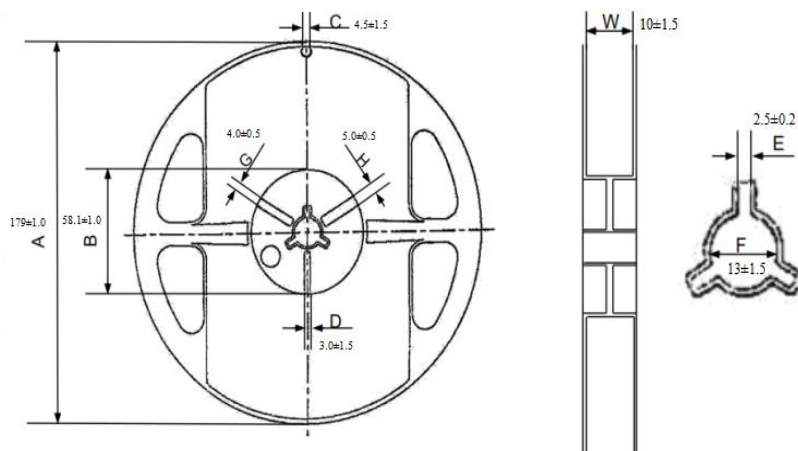
Part No.	Inductance L0(uH) @100KHz/1V	RDC (mΩ)Max	Saturation Current (A)Max	Heat Rating Current (A)Max
GDNRA201610-R33NTF	0.33±30%	55	5.0	4.0
GDNRA201610-4R7MTF	4.7±20%	500	1.5	1.3
GDNRA201610-6R8MTF	6.8±20%	816	1.0	0.7

※ Note

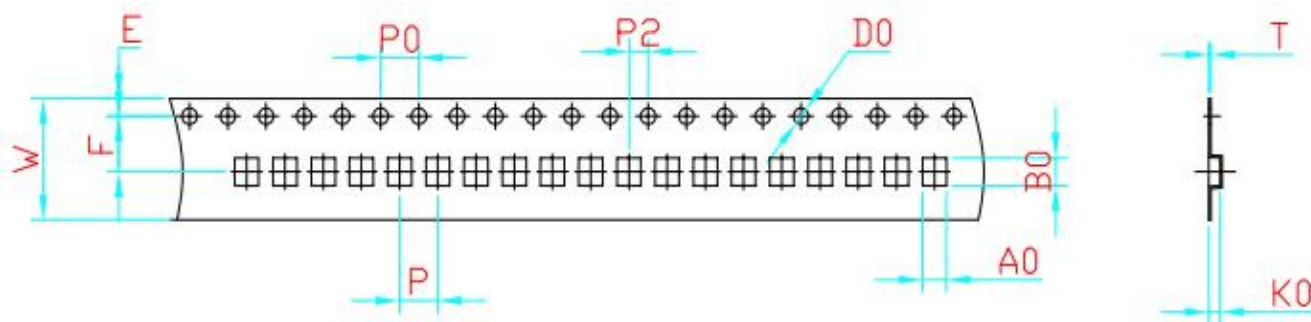
*Rated current is the DC current that reduces the initial inductance by 30% or when the temperature rises $\Delta T = 40^{\circ}\text{C}$

4 Packaging

(1) Dimensions of Reel (mm)



(2) Dimensions of Tape (mm):



W	A0	B0	K0	P	F	E	D	P0	P2	T	Packaging quantity
8.0 ± 0.3	1.86 ± 0.1	2.2 ± 0.1	1.2 ± 0.1	4.0 ± 0.1	3.5 ± 0.1	1.75 ± 0.1	1.55+ 0.1/-0.0	4.0 ± 0.1	2.0 ± 0.1	0.22 ± 0.05	2000PCS/REEL