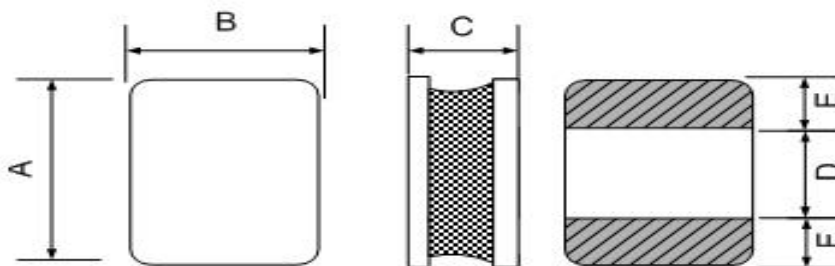


1 Product Identification

GDNRA 201610 - 1R0 M T F
① ② ③ ④ ⑤ ⑥

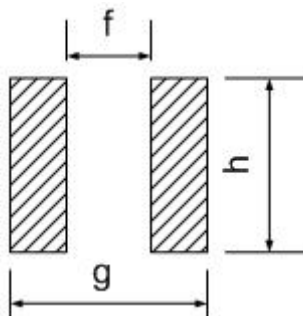
- ① Product Alloy Series
- ② Dimensions (See two)
- ③ Inductance Value (1R0:1.0μH)
- ④ Inductance Tolerance (J:±5%;K:±10%; M:±20%; N:±30%)
- ⑤ Packaging Style (B: Bulk; T: Tape & Reel)
- ⑥ Lead Free

2 Appearance, Dimensions(mm)



A	B	C	D	E
2.00 ± 0.30	1.60 ± 0.30	1.00Max.	0.80 ± 0.2	0.60 ± 0.2

LAND PATTERN DIMENSIONS



/	mm
f	0.70
g	2.20
h	1.70



3 Specifications

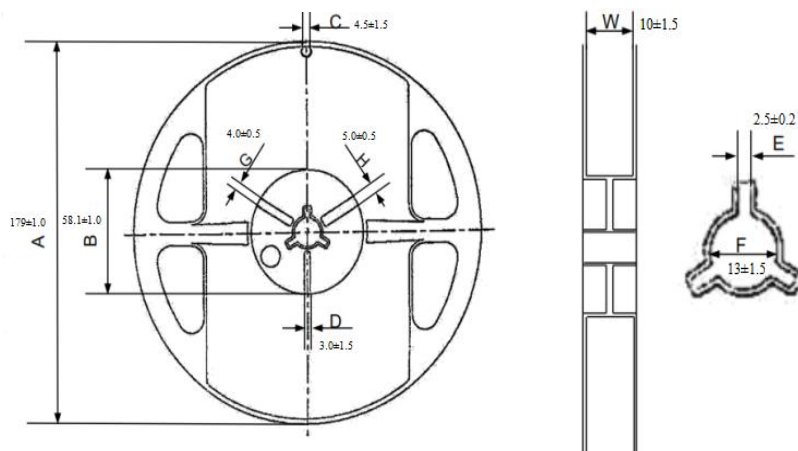
Part No.	Inductance L0(uH) $\pm 20\%$ @100KHz/1V	RDC (m Ω) Max	Saturation Current (A) Max	Heat Rating Current(A) Max
GDNRA201610-1R0MTF	1.0	115	3.0	2.4
GDNRA201610-1R5MTF	1.5	180	2.5	2.2
GDNRA201610-2R2MTF	2.2	260	2.2	1.8
GDNRA201610-3R3MTF	3.3	400	1.6	1.4
GDNRA201610-4R7MTF	4.7	500	1.5	1.3
GDNRA201610-100MTF	10.0	1040	0.8	0.6

※ Note

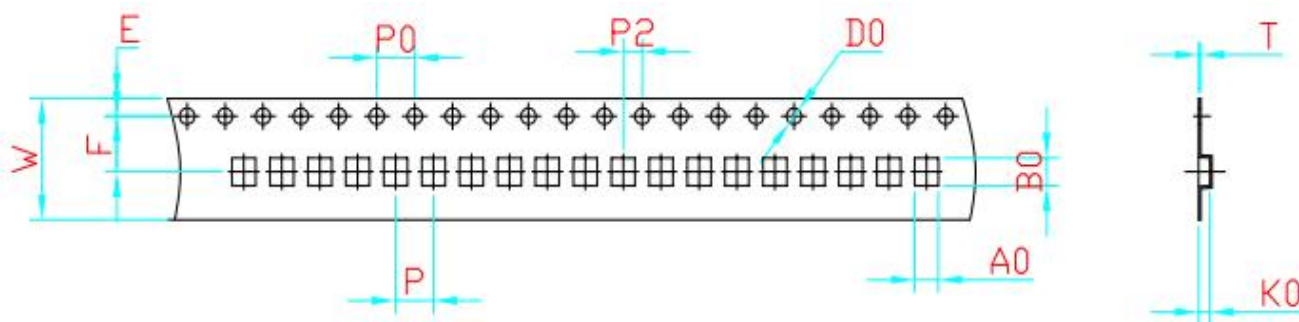
*Rated current is the DC current that reduces the initial inductance by 30% or when the temperature rises $\Delta T = 40^{\circ}\text{C}$

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	2.0 ±0.1	2.35 ±0.1	1.3 ±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	0.21 ±0.05	2000PCS/REEL