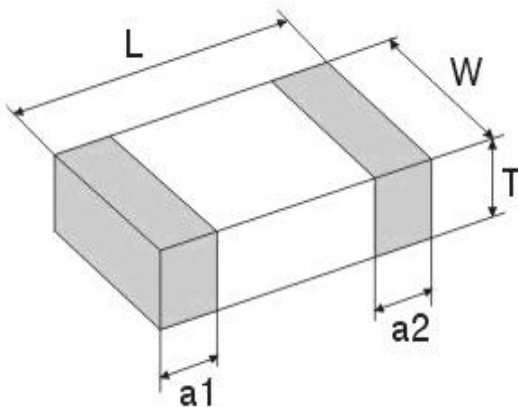


1 Product Identification

<u>GDMI</u>	<u>2012</u>	<u>M</u>	<u>1R0</u>	<u>K</u>	<u>T</u>	<u>F</u>
①	②	③	④	⑤	⑥	⑦

- ① Product Symbol
- ② Dimensions (see 3)
- ③ Material Code (Ferrite materials, from small to large: L; M; N; Q; H 等)
- ④ Inductance Value (1R0:1.0μH)
- ⑤ Inductance Tolerance (J:±5%;K:±10%; M:±20%; N:±30%)
- ⑥ Packaging Style (B: Bulk; T: Tape & Reel)
- ⑦ Lead Free

2 Appearance, Dimensions



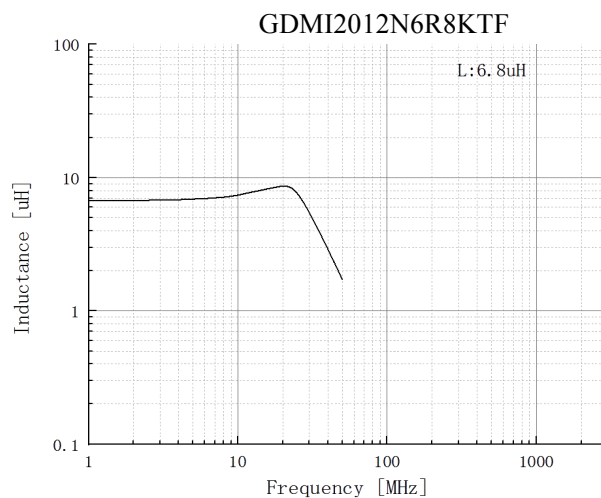
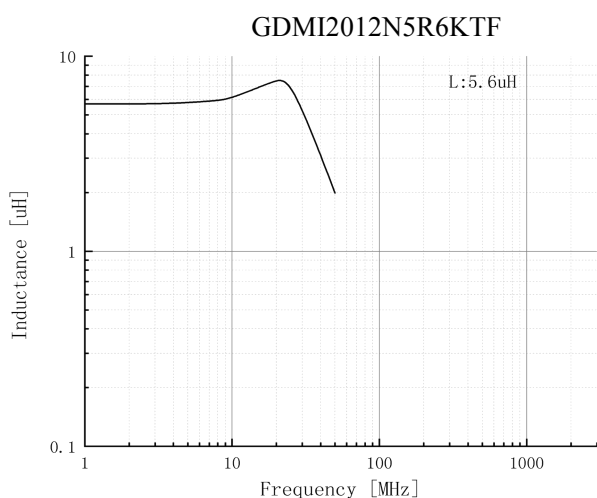
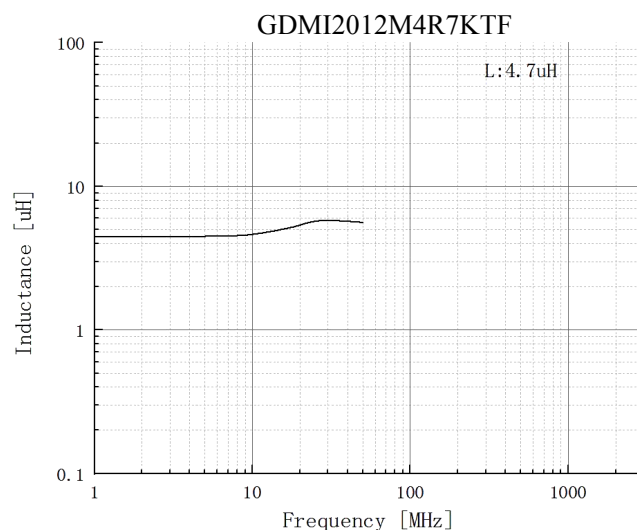
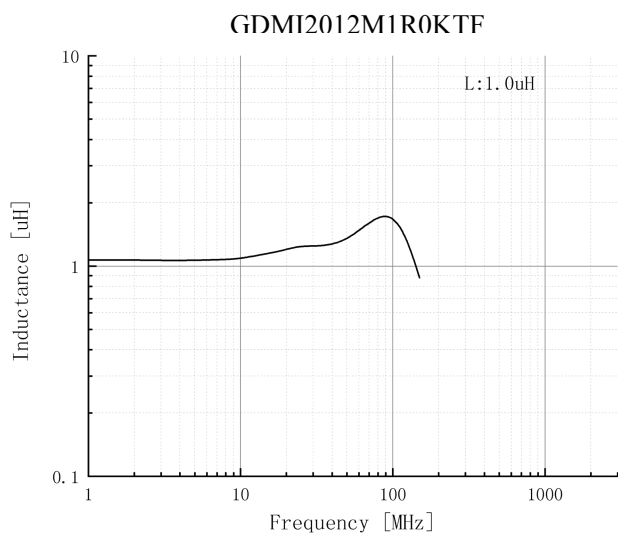
Type	Dimensions (mm) [inch]			
	L	W	T	a1, a2
2012 (0805)	2.0±0.20	1.25±0.20	0.8±0.20	0.40±0.30

3 Rating

Operating Temperature Range : -55 to +125°C

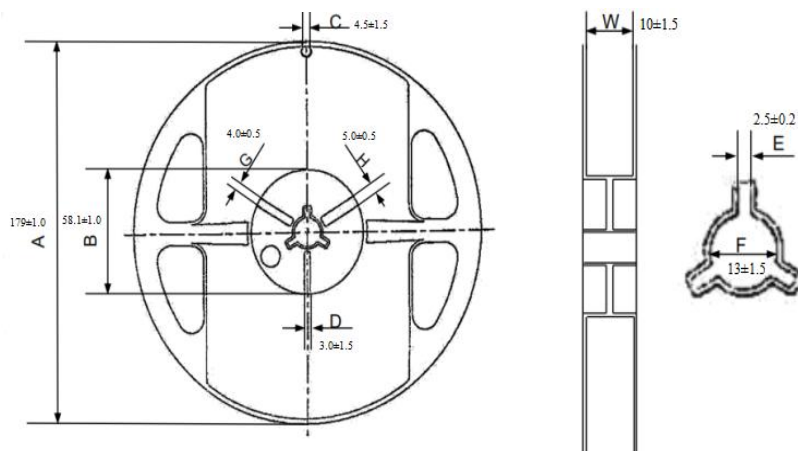
Part No.	L (μ H)	Q min	L、Q Test Frequency (MHz)	SRF (MHz)Min	DCR (Ω)Max	Ir (mA)Max
GDMI2012M1R0KTF	1.0 $\pm$ 10%	45	10	75	0.40	50
GDMI2012M4R7KTF	4.7 $\pm$ 10%	45	10	35	1.00	30
GDMI2012N5R6KTF	5.6 $\pm$ 10%	50	4	32	0.90	15
GDMI2012N6R8KTF	6.8 $\pm$ 10%	50	4	29	1.00	15

4 Curve

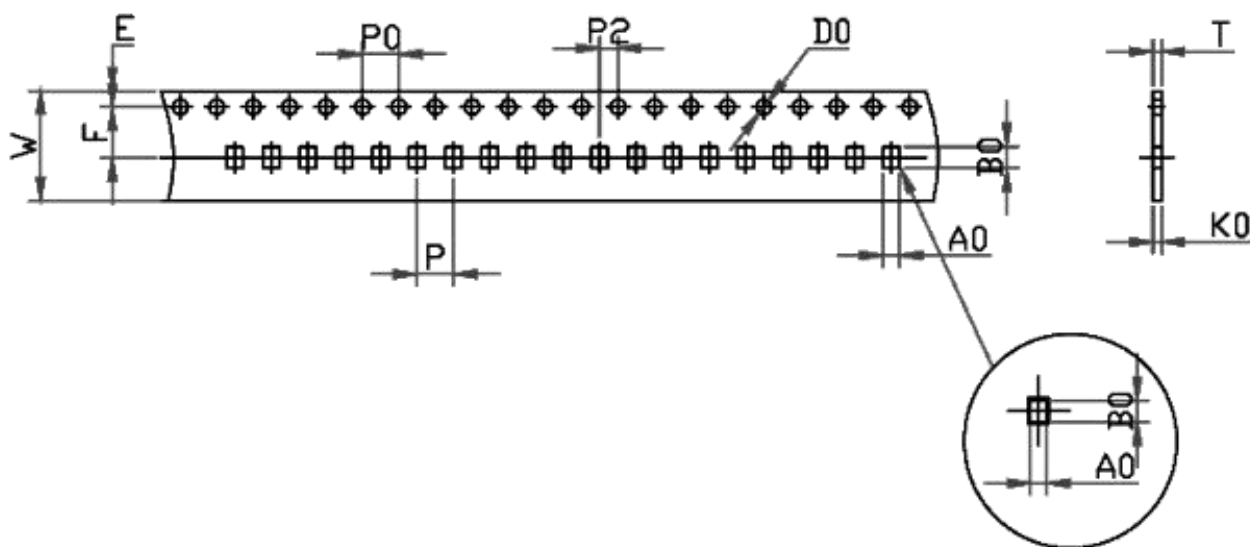


5 Packaging

(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	1.5 ±0.03	2.3 ±0.03	0.95 ±0.1	4.0 ±0.05	3.5 ±0.1	1.75± 0.1	1.5+ 0.1/-0.0	4.0 ±0.1	2.0 ±0.1	0.95 ±0.03	4000PCS/REEL