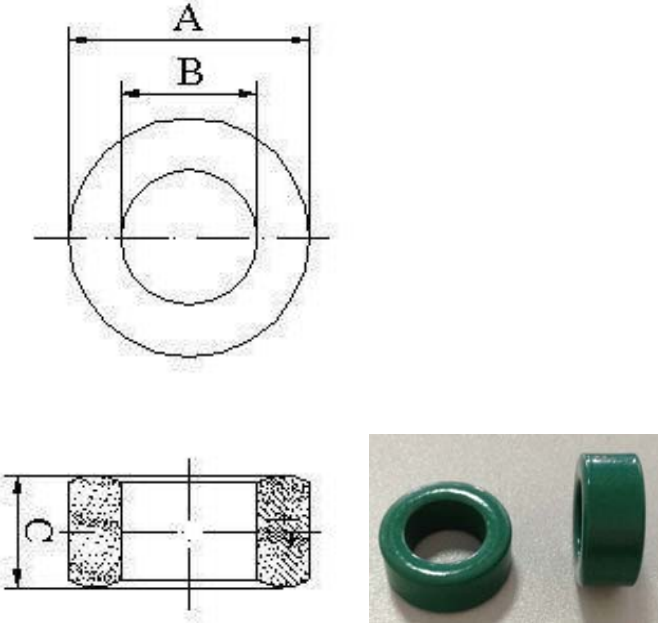


Lj T 1305C - TS10

1. DIMENSIONS (mm)

	DIMENSIONS (mm)	
	A	13.0±0.4
	B	7.0±0.3
	C	5.0±0.3
	A	13.7max
	B	6.4min
	C	5.7max

>1000V AC 0.5mA 3Sec

CORE PARAMETERS	
Effective Length L_e	35.0mm
Effective Cross Area A_e	11.5mm ²
Effective Volume V_e	402.5mm ³
Approx. Weight W	2.2g/Pcs

FERRITE CORE	T1305C-TS10	
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2. ELECTRICAL CHARACTERISTICS

ITEMS	SPEC	TESTING METHOD	TESTING INSTRUMENT
INDUCTANCE	AL=6100±30% nH/N2	10kHz,0.25V, 23±3°C, φ 0.31*10Ts	HP4284A

3. MATERIAL CHARACTERISTICS

MATERIAL: TS10

CHARACTERISTICS		UNIT	VALUE
INITIAL PERMEABILITY	μ_i 25°C	—	10000 ± 30%
SATURATION MAGNETIC FLUX DENSITY (H=1194A/m)	B_s 25°C	mT	380
REMANENT FLUX DENSITY	B_r 25°C	mT	120
COERCIVE FORCE	H_c 25°C	A/m	6
RELATIVE LOSS FACTOR	$\tan \delta / \mu_i$	$\times 10^{-6}$	<30 (100kHz)
RELATIVE TEMP.FACTOR	α_{μ_i}	$\times 10^{-6}/^\circ\text{C}$	-0.5~2.0 (20°C~60°C)
CURIE TEMP.	T_c	°C	≥125
ELECTRICAL RESISTIVITY	ρ	$\Omega \cdot \text{m}$	0.2
DENSITY	d	kg/m^3	4.9×10^3
Item:	P/N:		
	T1305C-TS10		