

AITIOU

AIC-1805(C-04)

◎ Amorphous Toroidal Cut Core(Used Choke)

◎ Mechanical Properties

Bare Core Dimensions (mm)			Finished Core Dimensions (mm)			Case Material & Color
od \pm 0.2	id \pm 0.2	h \pm 0.2	OD \pm 0.5	ID \pm 0.5	H \pm 0.5	
16.10	12.80	3.50	18.60	10.20	6.10	PBT or NYLON, White VS. Black

◎ Typical Parameters and Magnetic Properties

Lm (mm)	Ac (mm ²)	Wa (mm ²)	WaAc (mm ⁴)	Vol (mm ³)	L ₀	A _L TYP	μ_i 1KHz/0.25V
					(mm)	(nH)	
45.37	4.62	81.67	377.32	262.03	0.0	32.0	250

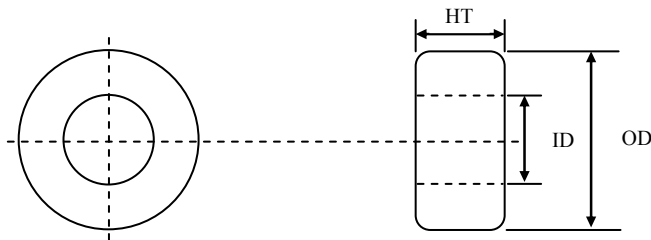
◎ Core Finished Material:

Insulating Covers: UL94V-0 or equivalent

◎ Temperature Range:

Storage temperature -20 ~ +50 °C Ambient Temperature

Operating Temperature -40 ~ +120 °C Case Surface Temperature



WIRE	0.7 ϕ	TURNS	10Ts	TEMP.	25°C
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2 TEST INSTRUMENTS: 1320&LCR100(1KHz/0.25V)

