

# AITIOU

## AIC-1407(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	
12.00	7.90	4.50	14.40	6.10	6.90	PBT or NYLON,White VS.Black

◎ Typical Parameters and Magnetic Properties

Lm (mm)	Ac (mm <sup>2</sup> )	Wa (mm <sup>2</sup> )	WaAc (mm <sup>4</sup> )	Vol (mm <sup>3</sup> )	L <sub>0</sub>	A <sub>L</sub> TYP	$\mu_i$ 1KHz/0.25V
					(mm)	(nH)	
31.24	7.38	29.21	215.57	288.22	0.0	74.0	250

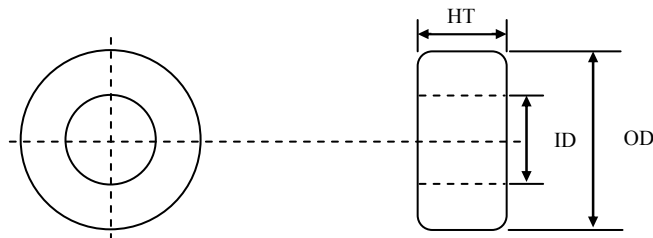
◎ Core Finished Material:

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 $\phi$	TURNS	10Ts	TEMP.	25 °C
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2 TEST INSTRUMENTS: 1320&LCR100(1KHz/0.25V)

