

# AITIOU

## AIC-1105(C-02)

◎ Amorphous Toroidal Core(Used Mag-Amp)

◎ Mechanical Properties

Bare Core Dimensions (mm)			Finished Core Dimensions (mm)			Case Material & Color
O.D <sub>MAX</sub>	I.D <sub>MIN</sub>	H.T <sub>±0.2</sub>	O.D <sub>±0.3</sub>	I.D <sub>±0.3</sub>	H.T <sub>±0.3</sub>	
9.5	7.2	3.5	12.3	5.4	5.7	PBT or NYLON, White VS. Green

◎ 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> )	100KHz, 80A/m RT	
					$\phi_c$ ( $\mu$ Wb)	Br/Bm(%)
26.22	3.220	22.89	73.708	105.53	3.54	94 MIN

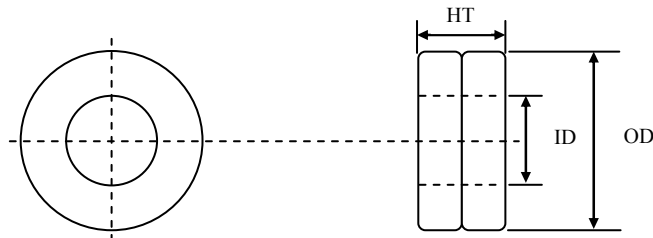
◎ Core Finished Material:

Insulating Covers:UL94V-0 or equivalent

◎ Temperature Range:

Storage temperature-20 ~ +50 °C Ambient Temperature

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



WIRE	0.8 $\phi$	TURNS	0.5 Ts	TEMP.	25 °C
------	------------	-------	--------	-------	-------

