

# AITIOU

## AIC-1607(C-01)

◎ Amorphous Toroidal Core

◎ 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>	
14.7	10.0	4.5	17.4	7.8	7.5	PBT or NYLON, White VS. gray

◎ 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(%)
38.78	8.460	47.76	404.045	410.09	18.612	90 MIN

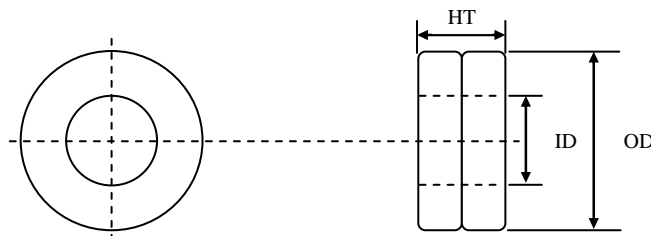
◎ Core Finished Material:

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
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