

AITIOU

AIC-1107(C-02)

⊙ Amorphous Toroidal Core(Used Mag-Amp)

⊙ Mechanical Properties

Bare Core Dimensions (mm)			Finished Core Dimensions (mm)			Case Material & Color
O.D _{MAX}	I.D _{MIN}	H.T _{±0.2}	O.D _{±0.3}	I.D _{±0.3}	H.T _{±0.3}	
9.7	7.2	4.5	12.4	5.4	7.0	PBT or NYLON, White VS. Green

⊙ Typical Parameters and Magnetic Properties

Lm (mm)	Ac (mm ²)	Wa (mm ²)	WaAc (mm ⁴)	Vol (mm ³)	100KHz, 80A/m RT	
					ϕ c(μ Wb)	Br/Bm(%)
26.53	4.500	22.89	103.008	149.25	4.95	94 MIN

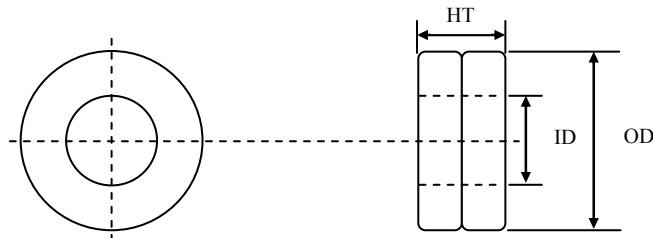
⊙ Core Finished Material:

Insulating Covers:UL94V-0 or equivalent

⊙ Temperature Range:

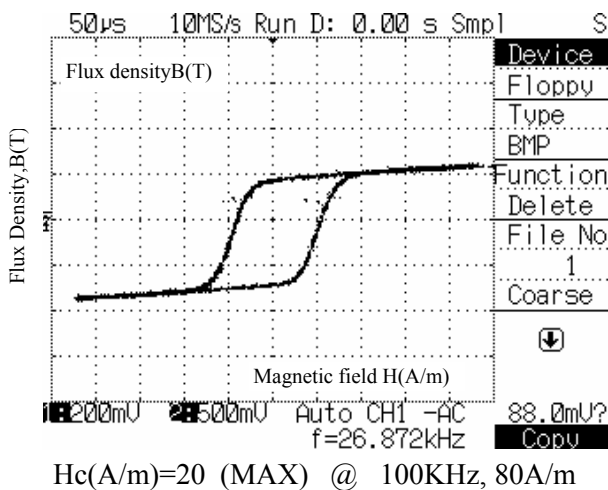
Storage temperature-20 ~ +50 °C Ambient Temperature

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



WIRE	0.8 ϕ	TURNS	0.5 Ts	TEMP.	25 °C
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Hysteresis loops of core materials



Magnetic Induction (Gauss) VS. Core Loss

