

AITIOU

A10F-1

⊙ 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}	
10.4	7.4	4.5	12.2	5.6	6.5	PBT or NYLON,Black

⊙ Typical Parameters and Magnetic Properties

Lm (mm)	Ac (mm ²)	Wa (mm ²)	WaAc (mm ⁴)	Vol (mm ³)	100KHz, 80A/m RT	
					ψc(μ Wb)	Br/Bm(%)
27.95	5.40	24.62	132.94	188.64	11.88	90 MIN

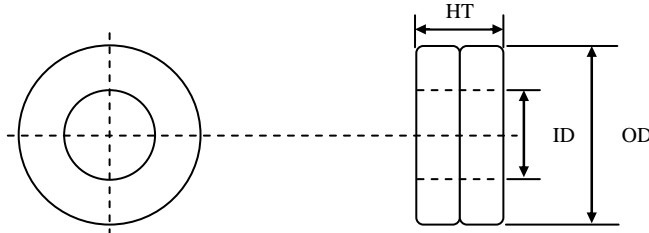
⊙ Core Finished Material:

Insulating Covers:UL94V-0 or equivalent

⊙ Temperature Range:

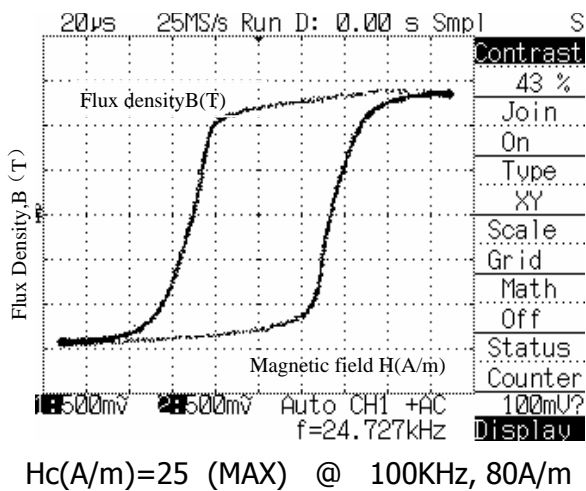
Storage temperature-20 ~ +50°C Ambient Temperature

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



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



Magnetic Induction (Gauss) VS. Core Loss

