

AITIOU

AIC-1805(C-01)

◎ Amorphous Toroidal Core

◎ 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}	
16.1	12.8	3.5	18.6	10.2	6.1	PBT or NYLON, White VS. gray

◎ 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(%)
45.37	4.620	81.67	377.322	262.03	10.164	90 MIN

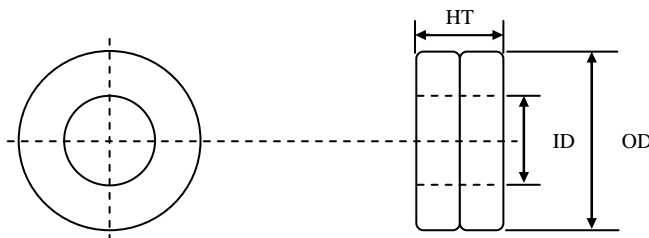
◎ Core Finished Material:

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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