

AITIOU

AIC-1708(C-01)b

◎ Amorphous Toroidal Core

◎ Mechanical Properties

Bare Core Dimensions (mm)			Finished Core Dimensions (mm)			Case Material & Color
O.D _{MAX}	I.D _{MIN}	H.T _{±0.4}	O.D _{±0.3}	I.D _{±0.3}	H.T _{±0.3}	
16.3	9.9	6.0	18.9	7.8	8.5	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	
					ϕ_c (μ Wb)	Br/Bm(%)
41.13	15.360	47.76	733.584	789.77	33.792	90 MIN

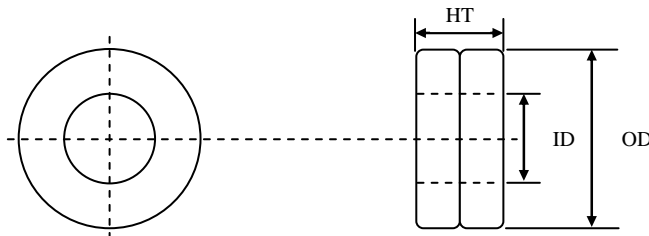
◎ Core Finished Material:

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 ϕ	TURNS	0.5 Ts	TEMP.	25 °C
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