

# AITIOU

## AIC-B402345(C-02)

◎ Amorphous Toroidal Core (Used Inductore) :

◎ Mechanical Properties :

Bare Core Dimensions (mm)			Finished Core Dimensions (mm)			Coating Material & Color
O.D <sub>MAX</sub>	I.D <sub>MIN</sub>	H.T <sub>±0.2</sub>	O.D <sub>MAX</sub>	I.D <sub>MIN</sub>	H.T <sub>MAX</sub>	
4.0	2.3	4.5	4.5	1.8	5.0	Blue

◎ 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	
					Φ <sub>c</sub> (μ Wb)	B <sub>s</sub>
9.89	3.06	2.54	7.78	37.83	3.366	0.55

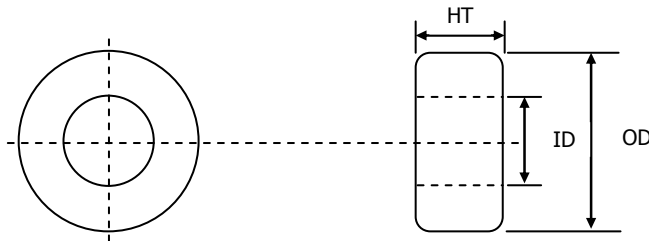
◎ Core Finished Material:

Insulating Covers:UL94V-0 or equivalent

◎Temperature Range :

Storage temperature-20 ~ +50°C Ambient Temperature

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



WIRE	0.2Φ	TURNS	1Ts	TEMP.	25°C
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2 TEST INSTRUMENTS: ZENTECH 3302 LCZ (uH)

The inductance attenuation curve

