

AITIOU

AIC-B402045(C-02)

◎ Amorphous Toroidal Core (Used Inductore) :

◎ Mechanical Properties :

Bare Core Dimensions (mm)			Finished Core Dimensions (mm)			Coating Material & Color
O.D _{MAX}	I.D _{MIN}	H.T _{±0.2}	O.D _{MAX}	I.D _{MIN}	H.T _{MAX}	
4.0	2.0	4.5	4.5	1.5	5.0	Black

◎ 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)	B _s
9.42	3.6	1.77	6.36	42.39	3.96	0.55

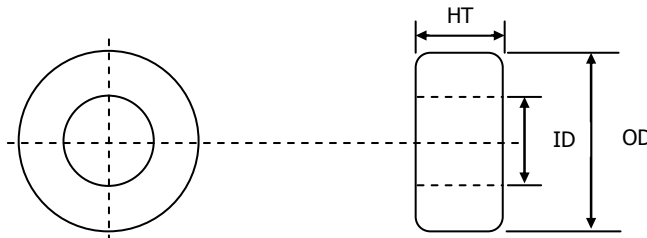
◎ Core Finished Material:

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

