

# AITIOU

## A1806C

⊙ Amorphous Toroidal Core(Used Common-Mode Choke )

⊙ Mechanical Properties:

Bare Core Dimensions (mm)			Finished Core Dimensions (mm)			Case Material & Color
od $\pm$ 0.3	id $\pm$ 0.3	h $\pm$ 0.3	OD $\pm$ 0.5	ID $\pm$ 0.5	H $\pm$ 0.5	
18.00	11.0	8.0	20.4	9.3	9.8	PBT or NY66, White

⊙ 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> )	Bs@25°C (T)	$\mu_i$ 10KHz	A <sub>L</sub> @10KHz ( $\mu$ H)
45.53	22.40	67.89	1520.84	1274.84	1.10	60000	40 MIN

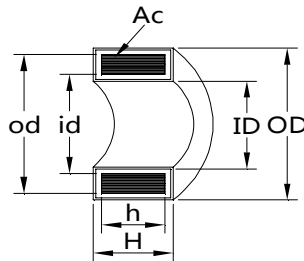
⊙ Core Finished Material:

Insulating Covers:UL94V-0 or equivalent

⊙ Temperature Range:

Storage temperature-20 ~ +50°C Ambient Temperature

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



WIRE	0.5Φ	URNS	1.0 Ts	TEMP.	25°C
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TEST INSTRUMENTS: ZENTECH 3302 LCZ

The inductance attenuation curve

