

# AITIOU

## AIC-18.7×10.5×4.5(C-01)

◎ Amorphous Toroidal Core(Used Current Transformer )

◎ Mechanical Properties:

Bare Core Dimensions (mm)			Finished Core Dimensions (mm)			Coating Material & Color
O.D	I.D	H.T	O.D <sub>max</sub>	I.D <sub>min</sub>	H.T <sub>max</sub>	
18.7	10.5	4.5	19.7	9.6	5.5	Grey

◎ 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)	A <sub>L</sub> 10KHz (μH)	I <sub>1</sub> mA	V <sub>2</sub> mV
45.84	14.76	72.35	1067.82	845.82	1.10	15.0 REF	50.00	2.50

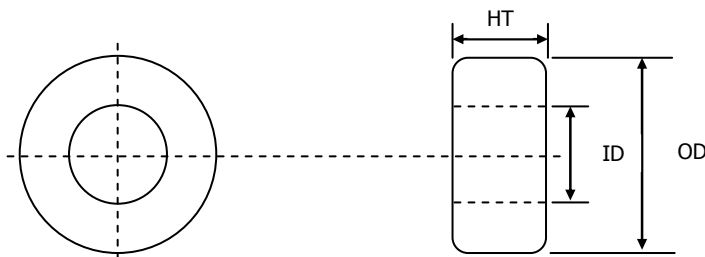
◎ Core Finished Material:

Insulating Covers:UL94V-0 or equivalent

◎Temperature Range:

Storage temperature-20 ~ +50°C Ambient Temperature

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



◎Test Conditions: N<sub>1</sub>:N<sub>2</sub>=1:1 I<sub>1</sub>=50mA 50Hz @FLUKE 45

