

AITIOU

AIC-17.5×11.5×5(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 _{max}	I.D _{min}	H.T _{max}	
17.5	11.5	5.0	18.5	10.7	5.8	Grey

◎ Typical Parameters and Magnetic Properties:

Lm (mm)	Ac (mm ²)	Wa (mm ²)	WaAc (mm ⁴)	Vol (mm ³)	Bs@25°C (T)	A _L 10KHz (μH)	I ₁ mA	V ₂ mV
45.53	12.00	89.87	1078.50	682.95	1.10	10.0 REF	50.00	1.80

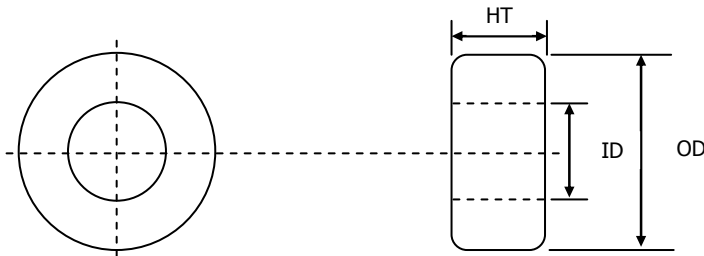
◎ Core Finished Material:

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: N₁:N₂=1:1 I₁=50mA 50Hz @FLUKE 45

