

AITIOU

A2505E

◎ Amorphous Toroidal Core

◎ 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} | |
| 25.0 | 20.0 | 10.0 | 26.5 | 18.5 | 11.5 | Epoxy Grey |

◎ Typical Parameters and Magnetic Properties:

| Lm (mm) | Ac (mm ²) | Wa (mm ²) | WaAc (mm ⁴) | Vol (mm ³) | Bs@25°C (T) | μ _i 10KHz | AL@10KHz (μH) |
|------------|--------------------------|--------------------------|----------------------------|---------------------------|----------------|-------------------------|------------------|
| 70.65 | 20.00 | 268.67 | 5373.33 | 1766.25 | 1.10 | 50000 | 22.0 Min |

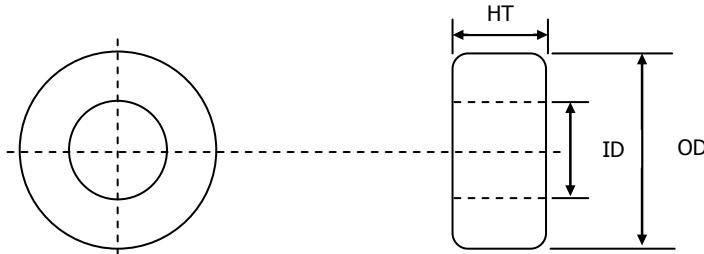
◎ Core Finished Material:

Insulating Covers:UL94V-0 or equivalent

◎ Temperature Range:

Storage temperature-20 ~ +50°C Ambient Temperature

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



| | | | | | |
|------|------|-------|--------|-------|------|
| WIRE | 0.5¢ | TURNS | 9.5 Ts | TEMP. | 25°C |
|------|------|-------|--------|-------|------|

TEST INSTRUMENTS: ZENTECH 3302 LCZ

The inductance attenuation curve

