

# AITIOU

## A2006W

⊙ Amorphous Toroidal Core:(Common mode Choke)

⊙ Mechanical Properties:

| Bare Core Dimensions (mm) |               |               | Finished Core Dimensions (mm) |               |               | Case Material<br>& Color    |
|---------------------------|---------------|---------------|-------------------------------|---------------|---------------|-----------------------------|
| O.D $\pm 0.2$             | I.D $\pm 0.2$ | H.T $\pm 0.2$ | O.D $\pm 0.3$                 | I.D $\pm 0.3$ | H.T $\pm 0.3$ |                             |
| 20.0                      | 12.0          | 10.0          | 23.7                          | 10.0          | 15.9          | PBT or NYLON,White VS.White |

⊙ Typical Parameters and Magnetic Properties:

| Lm<br>(mm) | Ac<br>(mm <sup>2</sup> ) | Wa<br>(mm <sup>2</sup> ) | WaAc<br>(mm <sup>4</sup> ) | Vol<br>(mm <sup>3</sup> ) | Bs@25°C<br>(T) | $\mu_i$<br>10KHz | A <sub>L</sub> @10KHz<br>( $\mu$ H) |
|------------|--------------------------|--------------------------|----------------------------|---------------------------|----------------|------------------|-------------------------------------|
| 50.24      | 32.00                    | 78.50                    | 2512.00                    | 2009.60                   | 1.10           | 60000.00         | 48 MIN                              |

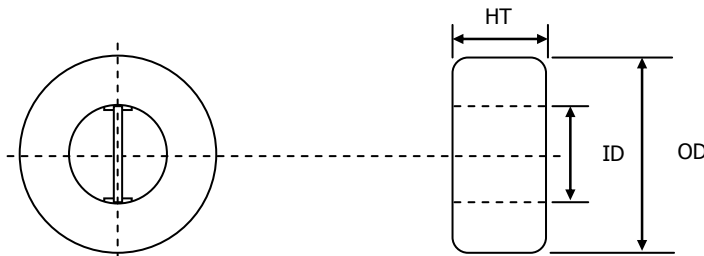
⊙ Core Finished Material:

Insulating Covers:UL94V-0 or equivalent

⊙ Temperature Range:

Storage temperature-20 ~ +50°C Ambient Temperature

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



| WIRE | 1.0 $\phi$ | TURNS | 1Ts | TEMP. | 25°C |
|------|------------|-------|-----|-------|------|
|------|------------|-------|-----|-------|------|

2 TEST INSTRUMENTS: ZENTECH 3302

The inductance attenuation curve

