

AITIOU

A3016C

⊙ 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 | |
| 30.00 | 20.0 | 8.0 | 33.0 | 18.00 | 13.2 | PBT or NY66, White |

⊙ 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 | A _L @10KHz (μ H) |
|------------|--------------------------|--------------------------|----------------------------|---------------------------|----------------|------------------|-------------------------------------|
| 78.50 | 32.00 | 254.34 | 8138.88 | 3140.00 | 1.10 | 60000 | 30.0 Min |

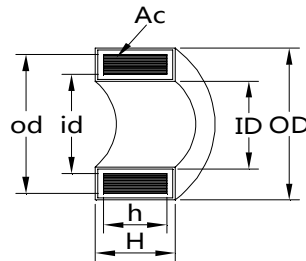
⊙ Core Finished Material:

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 ϕ | TURNS | 1.0 Ts | TEMP. | 25°C |
|------|------------|-------|--------|-------|------|

TEST INSTRUMENTS: ZENTECH 3302 LCZ

The inductance attenuation curve

