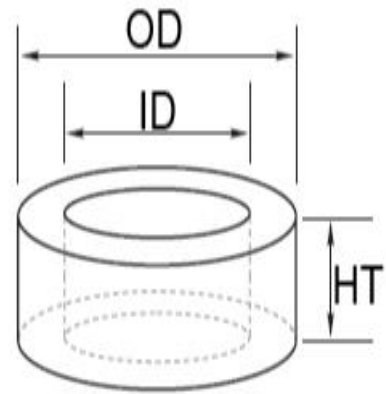


|                                                                                   |                                              |                                                                                                                                                      |
|-----------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Specification of Magnetic Powder Core</b> | <b>Mirrack</b><br><a href="http://www.mirrack.com(CN)">www.mirrack.com(CN)</a><br><a href="http://www.mirrack.com.cn(EN)">www.mirrack.com.cn(EN)</a> |
|-----------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

| Part Number | Product Series    | Permeability (u) | A <sub>L</sub> (nH/N <sup>2</sup> ) | Coating Color | Coating Material | Coating Breakdown Voltage |
|-------------|-------------------|------------------|-------------------------------------|---------------|------------------|---------------------------|
| MKU343-026  | MKU               | 26               | 16±8%                               | Brown         | Epoxy            | 1.2KVac / 0.5mA / 3sec    |
| Description | Toroidal MKU Core |                  |                                     |               |                  |                           |

#### Core Dimensions

| Dimensions | Before Coating |       | After Coating |       | Min / Max |
|------------|----------------|-------|---------------|-------|-----------|
|            | inch           | mm    | inch          | mm    |           |
| OD         | 1.350          | 34.30 | 1.382         | 35.10 | Max       |
| ID         | 0.920          | 23.40 | 0.888         | 22.56 | Min       |
| HT         | 0.350          | 8.89  | 0.387         | 9.83  | Max       |



#### Physical Characteristics & Packaging

| Path Length Le (cm) | Cross Section Ae (cm <sup>2</sup> ) | Core Volume Ve (cm <sup>3</sup> ) | Window Area Wa (cm <sup>2</sup> ) | Weight (g) | Box QTY (pcs) |
|---------------------|-------------------------------------|-----------------------------------|-----------------------------------|------------|---------------|
| 8.950               | 0.454                               | 4.060                             | 4.010                             | 26.5±5%    | 441           |

#### Electrical Features (@25°C±2°C)

| Test Item  | Condition                                                      | Value (Typical)           |
|------------|----------------------------------------------------------------|---------------------------|
| Inductance | Ø1.0 mm, 50TS, 100KHz, 1.0V, 0A                                | 40uH±8%                   |
| DC-Bias    | Ø1.0 mm, 50TS, 100KHz, 1.0V, I <sub>DC(100 Oe)</sub> = 14.25 A | 82% Min                   |
| Core Loss  | Ø1.0mm, 50TS, 50KHz, 1000Gauss                                 | 670mW/cm <sup>3</sup> Max |
| Hi-Pot     | 1.2KVac, 0.5mA, 3 sec                                          | PASS                      |

#### DC Bias Curves

