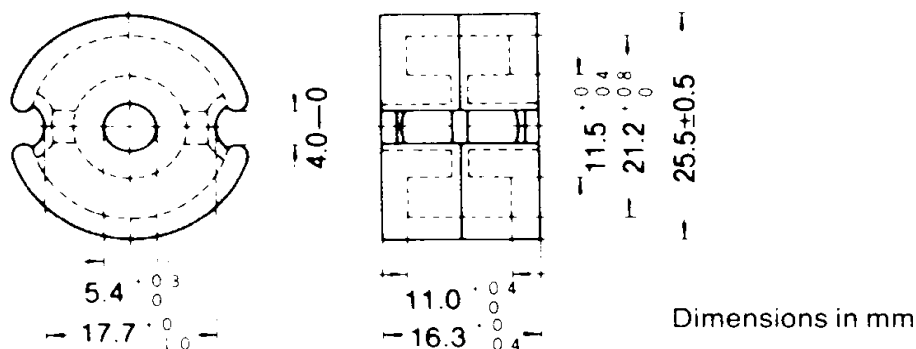


TDK Pot Core P 26/16-52H

Based on IEC publication 133 and JIS C 2516.



Parameter

| | | | |
|---|-----------------------|------------------|------|
| Core factor | C_1 | mm ⁻¹ | 0.40 |
| Effective magnetic path length | ℓ_e | mm | 37.6 |
| Effective cross-section area | A_e | mm ² | 94.0 |
| Effective volume | V_e | mm ³ | 3530 |
| Cross-sectional center pole area | A_{cp} | mm ² | 76.1 |
| Minimum cross-sectional area | $A_{cp \text{ min.}}$ | mm ² | 71.3 |
| Cross-sectional winding area of core | A_{cw} | mm ² | 57.7 |
| Weight (approx.) | | g | 21.1 |

| Ordering code | A_L-value (nH/N²) | Effective permeability (μ_e) |
|---------------------------|--|--|
| | Tolerance | |
| Without air gap | | |
| H5AP26/16Z-52H | 7800 \pm 25% | 2483 |
| H5C2P26/16Z-52H | 24500 \pm 30% | 7800 (at 18.4 mT) |
| | 20000 $^{+40\%}_{-30\%}$ | 6367 *(at 0.5 mT) |
| PC40P26/16Z-52H | 3810 min. | 1213 min. |
| With air gap | | |
| PC40P26/16A160-52H | 160 | 51 |
| PC40P26/16A250-52H | 250 \pm 3% | 79.5 |
| PC40P26/16A400-52H | 400 | 127.5 |

* Reference specification when 0.5 mT is applied to cores.

Measuring conditions: Coil ϕ 0.40, 2UEW, 100Ts. Frequency 1kHz, level 0.5mA.