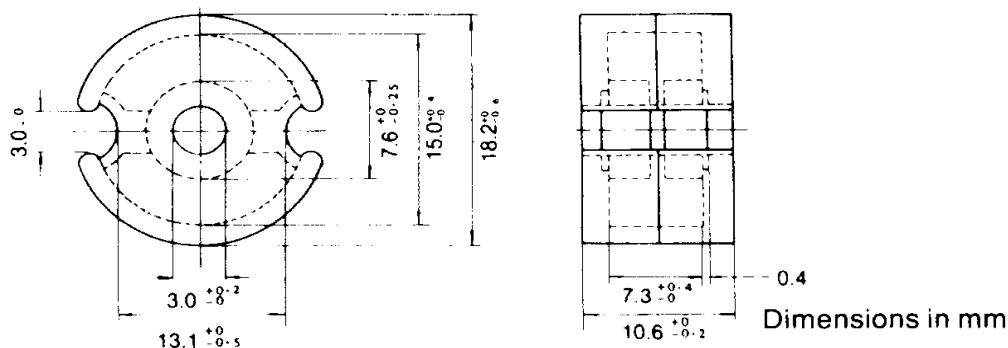


TDK Pot Core P 18/11-52B

Based on IEC publication 133 and JIS C 2516.



Parameter

Core factor	C_1	mm ⁻¹	0.597
Effective magnetic path length	ℓ_e	mm	25.8
Effective cross-section area	A_e	mm ²	43.3
Effective volume	V_e	mm ³	1120
Cross-sectional center pole area	A_{cp}	mm ²	36.3
Minimum cross-sectional area	$A_{cp \text{ min.}}$	mm ²	34.4
Cross-sectional winding area of core	A_{cw}	mm ²	29.0
Weight (approx.)		g	6.7

Ordering code	A_L -value (nH/N ²)	Effective permeability (μ_e)
	Tolerance	
Without air gap		
H5AP18/11Z-52B	4500 ± 25%	2138
H5C2P18/11Z-52B	16000 ± 30%	7605
PC40P18/11Z-52B	2400 min.	1140 min.
With air gap		
PC40P18/11A100-52B	100	48
PC40P18/11A160-52B	160 ± 3%	76.7
PC40P18/11A250-52B	250	120

Measuring conditions: Coil $\phi 0.30$, 2UEW, 100Ts. Frequency 1kHz Level 0.5mA.