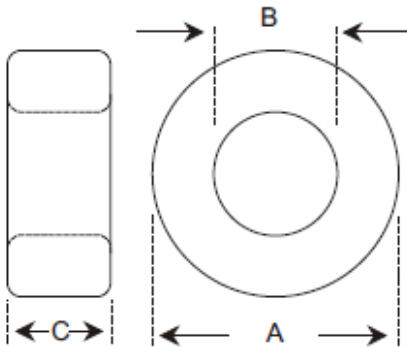


RING CORES



Core details

Ring cores used in SMPSU, mains filtering and pulse applications. A wide range of materials are available along with application notes.

Breakdown Voltage

The dielectric breakdown strength and coating thickness are as follows:-

Epoxy 2kV DC, thickness 0.25mm approx. per surface

The coating may cause a detrimental effect on the core permeability and hence on the A_L

This can be some 20% lower than the uncoated bottom limit

Part No	DIMENSIONS (mm)			Effective Parameter			Weight (g)	A_L ^{+30%} _{-20%}					
	A	B	C	Le(mm)	Ae(mm ²)	Ve(mm ²)		KM2	KM22	KM5	KM7	KM10	
TOR254	102.0	65.8	15.0	255.32	267.2	68219.2	327	2630	2892	6572			
TOR85-30	85.0	62.0	30.0	227.1	342.2	77713.6	360	3800	4000	9300			
TOR221	63.0	38.0	25.0	152.08	305.93	46525.3	236	5050	5550	12600	17700		
TOR58-18	58.3	40.8	17.6	152.4	146.3	22296	110	2400	2550	6000			
TOR49-19	49.0	31.8	19.0	123.1	160.9	19806.8	100	3300	3450	8200			
TOR36-17	36.0	23.0	17.0	89.7	108.7	9750.4	49.5	3050	3200	7600			
TOR36-15	36.0	23.0	15.0	89.6	95.89	8591.7	43	2650	2850	6650	9350		
TOR34-21	34.0	21.8	21.0	85.5	127	10858.5	54	3750	3900	9300			
TOR31-15	31.5	19.0	15.0	76	93.8	7128.8	35	3100	3250	7700			
TOR31-13A	31.0	19.0	13.0	75.7	77.4	5859.1	32.5	2550	2700	6850	8300		
TOR31-13	31.5	19.0	13.5	76	82.6	6277.6	33	2750	2850	6850			
TOR31-12	31.5	19.0	12.5	76	76.5	5814	29	2500		6300			
TOR31-09	31.5	19.0	9.5	76	58.1	4415.6	22.6	1900	2000	4800			
TOR31-08	31.5	19.0	8.0	76	48.9	3716.4	18.8						
TOR29-15	29.6	18.4	14.9	72.6	81.9	5945.9	29	2850	3000	7100			
TOR29-10	29.6	18.4	14.9	72.6	81.9	5947	29	2850	3000	7100			
TOR26-15	26.0	14.5	15.0	60.1	83.8	5036	25.2	3500	3650	8750	12250		
TOR26-10	26.0	14.5	10.0	63.6	57.5	3657	15.8	2250	2350	5700	7950		
TOR26-07	26.0	14.5	7.5	60.1	41.9	2518.1	12.8	1750	1850	4350			
TOR25-15	25.0	15.05	15.0	61.5	74.6	4587	24	3050		7600			
TOR25-13	25.0	15.05	13.0	62.3	65.4	4074	19.3	2650	2750	6600	9250	13200	