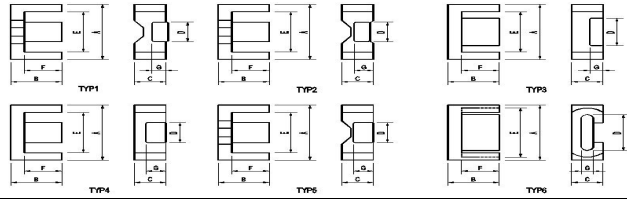


EVD型功率磁芯



型号 TYPE	EVD10	EVD15	EVD20	EVD20	EVD23	EVD22.7/24.6	EVD23.3/25	EVD25/25/12	EVD26/26/12	EVD27/33.4/14	EVD27/34.8/11	EVD30/32.8/12	EVD30/33.5/12	EVD35.6/34/13	EVD35.6/42/13	EVD36.3/39/16	EVD42/42/20	
图 TYPE	TYP4	TYP4	TYP5	TYP4	TYP4	TYP4	TYP5	TYP4	TYP4	TYP4	TYP4	TYP5	TYP5	TYP4	TYP4	TYP4	TYP4	
尺寸 Dimension (mm)	A(外长)	10.70±0.40	14.80±0.6	20.00±0.4	20.30±0.70	22.35±0.75	22.70±0.70	23.3±0.4	25.10±0.65	26.00±0.6	26.65±0.8	26.65±0.8	30.00±0.80	30.0±0.70	35.60±1.0	35.60±1.0	36.30±0.80	41.50±0.80
	B(外高)	5.30±0.25	8.85±0.30	10.40±0.30	10.4±0.30	11.10±0.30	12.3±0.30	12.6±0.3	12.80±0.30	13.20±0.3	16.70±0.30	17.40±0.30	16.40±0.30	16.75±0.25	17.10±0.30	22.10±0.30	19.50±0.30	21.00±0.30
	C(厚度)	5.60±0.20	6.80±0.30	11.80±0.30	8.60±0.30	11.70±0.30	11.20±0.30	11.3±0.3	12.40±0.30	11.40±0.30	14.00±0.30	12.50±0.40	12.4±0.20	12.70±0.30	12.70±0.30	16.20±0.40	20.10±0.40	20.10±0.50
	D(中柱)	3.30±0.3	5.50±0.3	8.80±0.25	8.00±0.3	7.25±0.25	8.00±0.3	8.0±0.2	8.80±0.30	8.80±0.30	11.25±0.25	11.30±0.25	11.60±0.30	11.4±0.2	15.20±0.25	15.20±0.25	14.60±0.3	15.70±0.40
	E(窗口)	8.40min	10.80min	15.20min	15.30min	17.50min	16.60min	17.5±0.3	18.80	19.80	19.00min	19.00min	21.60	21.6min	24.60min	24.60min	26.50min	30.80min
	F(内高)	4.05±0.25	6.20±0.30	8.00±0.30	7.40±0.30	8.90±0.30	8.90±0.30	9.0±0.2	9.80±0.30	10.15±0.3	13.00±0.30	13.50±0.30	11.90±0.40	12.25±0.25	11.80±0.30	17.00±0.30	14.40±0.30	16.00±0.30
	G(中柱)	3.30±0.3	4.50±0.3	6.50±0.25	4.90±0.3	7.20±0.25	7.70±0.3	7.5±0.2	8.30±0.30	8.30±0.30	10.05±0.25	7.50±0.25	8.20±0.30	8.10±0.25	8.90±0.25	8.90±0.25	10.50±0.3	12.80±0.3
磁芯常数 C _i (mm) Core	2.18	1.45	0.94	1.17	1.14	0.865	1.098	0.81	0.87	0.703	0.93	0.75	0.802	0.73	0.73	0.582	0.499	
有效磁路长度 L _e (mm)	25.4	37.9	50.3	46.6	50.7	55.1	63.3	60.2	63.7	74.64	83.1	74.8	75.92	96.6	96.6	87.4	97.6	
有效截面积 A _e (mm ²)	11.7	26.1	54.1	40.1	58	63.9	57.6	74.0	74.0	106.16	77	99.0	99	131.8	131.8	150	196	
有效体积 V _e (mm ³) Effective	270	990	2723	1870	2944	3500	3653.2	4455	4921	7924	6402	7405	7514	12728	12728	13100	19100	
重量 (g) Weigh	1.3	4.7	13.5	8.9	14.5	16.8	18.9	21.5	23.6	38.4	32.5	35.5	35.7	62	62	62.9	91.7	
约设计功率 (W) Design power 1KHz/0.25v	3.9	14.1	40.5	26.7	43.5	50.4	56.7	64.5	70.8	115.2	97.5	106.5	107.1	186	186	188.7	275.1	
电感系数 AL(mH/N ²)	TP4	680	1170	2750	1510	2000	2110	2370	2500	2600	2900	2400	2800	2500	3850	3850	3380	4010
	TP4A	710	1221	2870	1576	2087	2202	2473	2609	2713	3026	2504	2922	2609	4017	4017	3527	4184
	TP47	739	1272	2989	1641	2174	2293	2576	2717	2826	3152	2609	3043	2717	4185	4185	3674	4359
	TP95	976	1679	3946	2167	2870	3027	3400	3587	3730	4161	3443	4017	3587	5524	5524	4850	5753

注: AL值测试条件为1KHz,