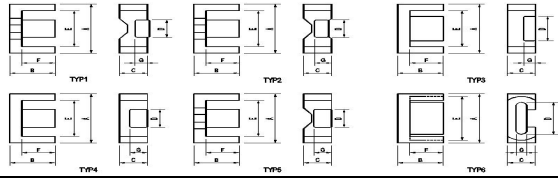


EM型功率磁芯



型号 TYPE	EM10/10	EM11.6/12	EM12.7/13	EM13/14	EM15	EM16/13	EM16.4/15	EM16.5/39	EM17.5/15	EM18/17.4	EM20/20	EM21/23	EM28/22	EM33.5/48	EM34/46	EM35.5/35	EM35.5/46	EM36/37.6	EM36/47	EM40/45/8	EM40/45/10.6	EM43.4/44	EM43.6/52	EM43.6/53	EM43.7/58	EM45/55/6.3	EM46/50/6	EM46/53.6/6	EM47/56	EM49/53/10.5	EM50/50/8	EM50.7/55/9	EM50/52/12	EM52.5/54		
图 TYPE	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3	TYP3
尺寸 Dimension (mm)	A(外长)	10.1±0.2	11.6±0.4	12.70±0.30	13.1±0.4	15.50±0.4	16.0±0.5	16.40±0.3	16.55±0.4	17.70±0.4	18.00±0.50	20.00±0.55	21.30±0.55	27.30±0.55	33.5±0.6	34.0±0.60	35.5±0.8	35.5±0.5	36.0±0.5	36.25±0.5	40.0±0.6	40.5±1.0	43.4±0.6	43.6±0.8	43.6±0.8	43.70±1.0	45.4±0.6	46.00±1.0	46.00±1.00	47.0±0.8	49.00±1.00	50.0±1.0	50.7±0.7	50.5±0.50	52.50±1.10	
	B(外高)	5.0±0.15	6.0±0.2	6.40±0.25	7.0±0.2	6.60±0.30	6.7±0.20	7.65±0.25	7.90±0.3	7.70±0.30	8.70±0.25	10.00±0.30	11.90±0.30	11.00±0.30	24.2±0.20	23.0±0.30	17.75±0.2	23.1±0.2	18.8±0.2	23.6±0.20	22.25±0.20	22.6±0.3	22.1±0.2	26.0±0.2	26.5±0.20	29.00±0.3	27.4±0.20	25.30±0.3	26.80±0.30	28.2±0.2	26.60±0.30	25.25±0.3	27.85±0.25	25.8±0.20	26.90±0.30	
	C(厚度)	4.1±0.15	4.0±0.1	4.00±0.25	4.5±0.2	5.00±0.30	5.0±0.20	4.80±0.25	4.35±0.20	5.10±0.25	6.00±0.25	6.60±0.20	5.90±0.20	5.00±0.20	6.0±0.50	5.1±0.20	6.8±0.2	6.0±0.20	7.3±0.15	10.0±0.50	8.0±0.25	10.6±0.3	8.0±0.3	6.5±0.20	6.5±0.20	6.20±0.30	6.2±0.30	5.90±0.25	5.80±0.25	8.7±0.2	10.50±0.25	8.0±0.3	9±0.35	12.0±0.20	13.00±0.30	
	D(中柱)	3.8±0.15	5.1±0.1	4.90±0.25	5.1±0.1	6.20±0.30	6.3±0.20	5.90±0.25	5.80±0.20	6.00±0.30	7.35±0.25	8.90±0.20	9.30±0.20	15.0±0.20	15.4±0.40	17.0±0.30	16.2±0.4	15.3±0.2	17.6±0.2	14.0±0.20	19.0±0.25	16.6±0.3	22.5±0.3	21.5±0.4	21.5±0.40	20.30±0.3	21.6±0.40	23.90±0.3	24.00±0.30	21.6±0.25	27.05±0.30	25.5±0.3	23.45±0.25	21.5±0.30	22.50±0.30	
	E(窗口)	7.7±0.2	8.6min	9.90±0.30	9.6min	11.80	11.5min	12.90±0.3	11.4	11.8	13.30±0.30	14.9	15.8	21.5	22.6min	23.0min	26.2±0.6	25.5±0.4	26.2±0.5	26.0min	29.5min	30.8min	33.5min	29.7min	29.7min	29.5	30.2min	33	33	31.1±0.5	35.5	36.0min	38.1±0.7	38.0±0.50	39.1	
	F(内高)	3.8±0.15	4.8±0.1	5.00±0.25	5.35±0.2	4.60±0.30	4.6±0.20	5.60±0.25	16.45±0.2	5.30±0.30	6.00±0.25	7.70±0.20	9.30±0.25	8.00±0.25	19.3±0.30	18.0±0.30	13.1±0.2	17.8±0.1	13.7±0.2	19.0±0.20	17.25±0.25	16.3±0.3	17.0±0.2	18.5±0.2	19.0±0.25	21.50±0.3	20.1±0.20	18.50±0.3	20.00±0.30	20.9±0.2	19.30±0.30	18.5±0.3	20.75±0.25	18.6±0.20	19.80±0.30	
G(中柱)	2.5±0.1	2.1±0.1	2.05±0.20	2.2±0.15	2.30±0.25	2.3±0.15	2.40±0.20	2.70±0.20	3.80±0.20	3.30±0.20	3.70±0.20	3.30±0.20	2.90±0.20	3.7±0.20	3.1±0.20	3.9±0.15	4.2±0.15	4.0±0.15	5.0±0.20	3.85±0.05/	6.6±0.25	3.2±0.3	4.0±0.20	4.0±0.20	4.00±0.30	4.2±0.30	3.05±0.20	2.95±0.20	6.4±0.15	7.00±0.20	4.0±0.25	5.0±0.2	7.5±0.10	7.50±0.30		
磁芯常数 (C) Core	2.432	2.81	2.47	2.546	2.80	2.103	3.48	4.3	1.57	1.56	1.5	1.822	1.98	1.94	1.98	1.27912	1.616	1.16379	1.3	1.42	0.97	1.373	1.415	1.415	1.36	1.424	1.49	1.57	0.888	1.38	1.07	1.055	0.775	0.784		
有效磁路长度 Le(mm)	23.6	28.3	28.26	32.6	38.6	30.5	50.4	78.5	35.73	41.1	47	54.73	59.25	110.8	98.5	80.861	100.3	83.433	105.4	108.2	102.8	101.886	122.2	122.2	120.1	129.2	108.9	114.84	120.35	130.5	112.63	124.375	120.8	132.2		
有效截面积 Ae (mm²)	9.7	10.04	11.45	12.8	13.8	14.5	14.5	18.28	22.8	26.4	31.28	30.03	30	56.9	49.9	63.22	62.05	71.69	81.1	76	ed	74.2	86.36	86.36	88.2	90.7	72.82	72.97	135.92	94.5	104.88	117.83	155.8	168.7		
有效体积 Ve (mm³) Effective	230	284	323.68	418.5	533	618.2	731	1434.7	966	1084	1470.4	1644.1	1785	6739.9	4912	5112	62.26	5981.3	8547	8720	10951	7559.9	10553.1	10553.1	10593	11356.2	7931	8380	16358.7	12222	11812.8	14655.1	18820	23253		
重量 (g) Weight	1.2	1.55	1.6	2.25	2.9	3.1	3.7	7.9	4.7	5.8	7.45	8.5	8.46	30.5	25.3	25	30.7	31.6	44.6	40	55	39.0	50.5	51	54	54.5	42	41.8	81.3	58	61	75	90	108		
约设计功率 (W) Design power 1KHz/0.25v	3.6	4.65	4.8	6.75	8.55	9.3	10.95	23.7	14.1	17.4	22.35	25.5	25.38	91.5	75.9	75	92.1	94.8	133.8	120	165	117	151.5	153	162	163.5	126	125.4	243.9	174	183	225	270	324		
电感系数 AL(mH/N²)	TP4	880	600	700	840	1000	900	1000	800	1600	1180	1250	1100	1200	1400	1100	1700	1900	2000	1800	1800	2300	1800	2000	2000	1600	1600	2400	1600	2450	2200	2300	2300	3000	2800	
	TP4A	918	626	730	877	1043	939	1043	835	1670	1231	1304	1148	1252	1461	1148	1774	1983	2087	1878	1878	2400	1878	2087	2087	1670	1670	2504	1670	2557	2296	2400	2400	3130	2922	
	TP47	957	652	761	913	1087	978	1087	870	1739	1283	1359	1196	1304	1522	1196	1848	2065	2174	1957	1957	2500	1957	2174	2174	1739	1739	2609	1739	2663	2391	2500	2500	3261	3043	
	TP95	1263	861	1004	1205	1435	1291	1435	1148	2296	1693	1793	1578	1722	2009	1578	2439	2726	2870	2583	2583	3300	2583	2870	2870	2296	2296	3443	2296	3515	3157	3300	3300	4304	4017	

注: AL值测试条件为1KHz, I