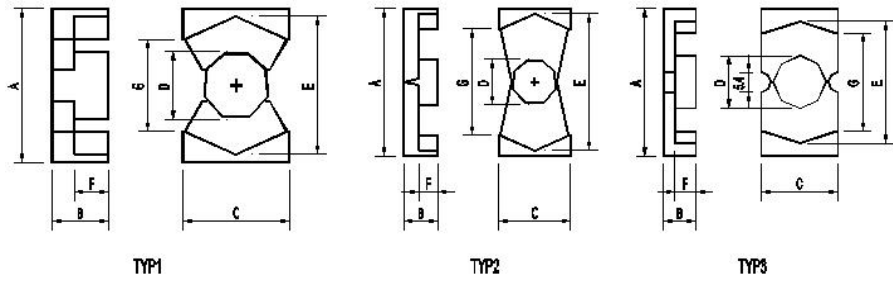


PQ型功率磁芯



型号 TYPE	PQ20/11	PQ20/16	PQ20/18	PQ20/20	PQ21/16	PQ21/20	PQ22.5	PQ22/16	PQ22/20	PQ26/18	
图 TYP	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP2	TYP1	TYP1	TYP1	
尺寸 Dimension (mm)	A(外长)	20.50±0.50	20.50±0.50	20.60±0.50	20.50±0.40	21.00±0.40	21.0±0.4	22.50±0.50	22.00±0.50	22.00±0.50	26.5±0.45
	B(外高)	5.55±0.25	8.10±0.30	9.60±0.20	10.20±0.30	8.10±0.20	10.2+0/-0.2	8.70±0.30	8.30±0.30	10.10±0.30	8.9±0.25
	C(厚度)	14.00±0.40	14.00±0.40	14.00±0.40	14.00±0.40	14.00±0.40	14.0±0.4	15.00±0.40	14.00±0.40	14.00±0.40	19.0±0.45
	D(中柱)	8.80±0.30	8.80±0.30	8.80±0.20	8.80±0.30	8.80±0.20	8.8±0.2	9.40±0.30	8.80±0.30	8.80±0.30	12.0±0.2
	E(窗口)	17.6	17.4	17.5	17.6	18.5	18.5	18.4	18.7	18.7	22.5±0.45
	F(内高)	2.90±0.25	5.20±0.30	6.60±0.20	7.15±0.30	5.20±0.20	7.20+0.3/-0	5.65±0.25	5.40±0.25	7.20±0.25	4.8±0.2
	G min	12	12.0	13.2	12.0	12.6	12.6	13	13.6	13.6	15.5
磁芯常数 $C_1(\text{mm}^{-1})$ Core Factor	0.492	0.60	0.68	0.73	0.652	0.7978	0.578	0.678	0.74	0.346	
有效磁路长度 $L_e(\text{mm})$ Effective length	29.3	37.4	41.4	45.4	38.321	46.54	44.23	41.2	48.4	40.7	
有效截面积 $A_e(\text{mm}^2)$ Effective Area	59.6	62.0	60.7	62.0	58.77	58.34	76.54	60.8	65.57	119	
有效体积 $V_e(\text{mm}^3)$ Effective Volume	1746	2319	2513	2815	2252.1	2715.4	3385	2507	3174	4790	
重量 (g) Weigth	9.8	13.0	13.5	15.0	13.5	16	15.6	14	16.3	27.6	
约设计功率 (W) Design power 1KHz/0.25v	29	39	41	45	41	48	47	42	49	83	
电感系数 $AL(\text{nH}/\text{N}^2)$	TP4	4200	3350	2700	2900	3400	2920	3200	3250	3000	6500
	TP4A	4383	3496	2817	3026	3548	3047	3339	3391	3130	6783
	TP47	4565	3641	2935	3152	3696	3174	3478	3533	3261	7065
	TP95	6026	4807	3874	4161	4878	4190	4591	4663	4304	9326

注: AL值测试条件为1KHz, 0.25v, 100Ts, 25±3℃

PQ26/20	PQ26/21	PQ26/25	PQ26/28	PQ27/20	PQ27/25	PQ32/20	PQ32/25	PQ32/30	PQ32/30	PQ32/35	PQ33/20	PQ33/25	PQ33/30	PQ33/35	PQ35/09	PQ35/27	PQ35/30	PQ35/35	PQ38/12	PQ40/13	PQ40/40	PQ40A	PQ50/45	PQ50/50	PQ107/8 7/70	PQ107/2 11/70	
TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP1	TYP2	TYP2	TYP1	TYP3	TYP1	TYP1	TYP1	TYP1
26.50±0.60	26.5±0.45	26.5±0.5	26.50±0.50	27.5±0.5	27.5±0.5	32.5±0.60	32.5±0.6	32.60±0.60	32.5±0.6	32.5±0.6	33.0±0.6	33.0±0.6	33.0±0.6	33.0±0.6	35.10±0.70	35.1±0.7	35.1±0.7	35.1±0.7	38.2±0.6	40.3±0.6	40.50±0.90	40.0±0.7	50.0±0.7	50.0±0.7	107.0±2.0	107.0±2.0	
10.10±0.30	10.45±0.2	12.55±0.25	14.00±0.30	10.2±0.25	12.5±0.2	10.25±0.25	12.6±0.25	15.30±0.40	15.2±0.20	17.75±0.25	10.25±0.2	12.6±0.2	15.0±0.2	17.6±0.2	4.70±0.30	13.5±0.2	15.0±0.2	17.4±0.2	6.4±0.2	6.6±0.2	20.00±0.40	6.7±0.2	22.70±0.25	25.25±0.25	43.50±0.75	105.50±0.75	
19.00±0.45	19.0±0.45	19.0±0.45	19.00±0.50	19.0±0.45	19.0±0.45	22.0±0.50	22.0±0.50	22.00±0.50	22.0±0.50	22.0±0.50	21.8±0.5	21.8±0.5	21.8±0.5	21.8±0.5	26.00±0.50	26.0±0.50	26.0±0.50	26.0±0.50	21.32±0.3	21.0±0.3	28.00±0.60	21.0±0.35	32.0±0.6	32.0±0.6	70.0±1.5	70.0±1.5	
12.00±0.30	12.0±0.2	12.0±0.20	12.00±0.30	12.0±0.20	12.0±0.20	13.45±0.25	13.45±0.25	13.60±0.40	13.45±0.25	13.45±0.25	13.3±0.3	13.3±0.3	13.3±0.3	13.3±0.3	14.30±0.30	14.35±0.25	14.35±0.25	14.35±0.25	14.3±0.25	14.3±0.25	14.80±0.30	14.2±0.2	20.0±0.40	20.0±0.35	41.00±1.00	41.00±1.00	
22.0	22.5±0.45	22	22	23	23	27.6±0.6	27.6±0.6	27.0	27	27	28	28	28	28	31.4	32.0±0.6	32.0±0.6	32.0±0.6	32.9	32.7	36	32.6	44.0±0.7	44.0±0.7	93.7	93.7	
5.80±0.30	6.2±0.2	8.30±0.25	9.50±0.30	6.0±0.25	8.3±0.2	5.75±0.25	8.4±0.25	10.60±0.40	10.7±0.20	13.25±0.25	5.95±0.2	8.3±0.2	10.7±0.2	13.3±0.2	2.60±0.30	8.6±0.25	10.1±0.2	12.5±0.25	3.4±0.2	3.65±0.2	14.75±0.40	3.5±0.2	15.80±0.40	18.3±0.2	28.00±0.75	90.40±0.50	
15.5	15.5	15.5	15.5	17	17	19	19	19.0	19	19	20.4	20.4	20.4	20.4	23.5	23.5	23.5	23.5	27.5	26.7	27.5	26.4	31.5	31.5			
0.39	0.39411	0.46	0.49	0.38	0.47	0.32	0.38	0.46	0.45	0.61	0.353	0.415	0.479	0.548	0.12	0.387	0.45	0.51	0.34	0.36	0.51	0.29938	0.370	0.405	0.138	0.32	
46.3	46.722	54.5	62.2	46.5	55	50.1	58.8	74.6	69.8	87.02	55.759	65.95	76.43	87.79	24.2	70.98	77.6	87.9	45.1	48	102.0	44.23	116	126	201.4	449	
119.0	118.55	115.7	119	120.2	116	154.1	154.1	161.0	154.1	154	154	158.64	159.34	159.91	196.0	173	173	173	132.1	135	201.0	147.74	310.8	310.8	1458	1408	
5510	5538.9	6328	7923	5593	6380	7735	9061	12011	10756	13398	8784.8	10463.1	12179.8	14039.8	4743	12995	13425	15206.7	6050	6480	20502	6534.5	36052	39160.8	293743	631617	
31.0	31.5	34.5	40	30	35	41.7	48.2	55.0	55	64	41.3	48.3	54.9	65	22.7	59	63.4	73	29.5	32	95.0	36.4	181	195	1520	2995	
93	95	104	120	90	105	125	145	165	165	192	124	145	165	195	68	177	190	219	89	96	285	109	543	585	4560	8985	
4800	5250	4800	4200	5000	4600	6400	5500	4550	4600	4500	5800	5200	4500	3900	6500	5500	5100	4750	5600	5700	4100	5300	6900	6300	13000	7000	
5009	5478	5009	4383	5217	4800	6678	5739	4748	4800	4696	6052	5426	4696	4070	6783	5739	5322	4957	5843	5948	4278	5530	7200	6574	13565	7304	
5217	5707	5217	4565	5435	5000	6957	5978	4946	5000	4891	6304	5652	4891	4239	7065	5978	5543	5163	6087	6196	4457	5761	7500	6848	14130	7609	
6887	7533	6887	6026	7174	6600	9183	7891	6528	6600	6457	8322	7461	6457	5596	9326	7891	7317	6815	8035	8178	5883	7604	9900	9039	18652	10043	