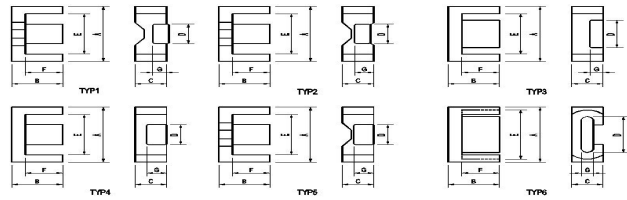


EFD型功率磁芯



型号 TYPE	EFD10/10	EFD12/12	EFD13/13	EFD15/15	EFD15.3/15	EFD15.5/15	EFD15.5/16	EFD15.8/15	EFD16/15	EFD20/20	EFD20/25	EFD20.5/23	EFD20.6/20	EFD20X	EFD21.4/20	EFD25/25	EFD25/31	EFD25.6/25	EFD26/26	EFD30.5/30	EFD31.5/30	EFD31.5/35	EFD31.8/30	EFD33/40	EFD40/45/8	EFD40/45/10.6	EFD50/50/8	EFD50/50/12	EFD50/60/13.5	
图 TYPE	TYP2	TYP2	TYP3	TYP1	TYP1	TYP1	TYP1	TYP1	TYP3	TYP2	TYP2	TYP2	TYP2	TYP6	TYP2	TYP2	TYP2	TYP2	TYP2	TYP2	TYP2	TYP2	TYP2	TYP2	TYP3	TYP3	TYP3	TYP3	TYP3	
尺寸 Dimension (mm)	A(外长)	10.50±0.30	12.50±0.30	13.20±0.3	15.0±0.4	15.30±0.4	15.5±0.4	15.50±0.5	15.80±0.4	16.25±0.4	20.0±0.55	20.0±0.55	20.6±0.5	20.2±0.2	21.4±0.4	25.00±0.65	25.00±0.55	25.6±0.60	26.1±0.40	30.50±0.80	31.5±0.70	31.5±0.7	31.8±0.5	33.0±0.60	40.00±0.80	40.50±0.8	49.70±1.1	50.60±1.20	50.60±1.20	
	B(外高)	5.20±0.20	6.20±0.20	6.60±0.20	7.5±0.2	7.65±0.30	7.5±0.2	8.0±0.20	7.70±0.30	7.40±0.30	10.0±0.15	12.60±0.30	11.5±0.15	10.0±0.2	10.0±0.2	12.50±0.30	15.45±0.30	12.5±0.20	13.0±0.20	15.20±0.30	15.2±0.30	17.55±0.2	15.2±0.3	20.3±0.2	22.30±0.30	22.50±0.3	25.10±0.3	25.80±0.40	30.00±0.40	
	C(厚度)	2.70±0.20	3.50±0.20	4.60±0.20	4.6±0.2	4.65±0.20	4.6±0.2	4.65±0.15	4.50±0.25	4.80±0.30	6.6±0.15	6.65±0.15	5.5±0.2	6.65±0.2	11.5±0.2	6.55±0.20	9.10±0.30	11.00±0.20	9.1±0.20	9.1±0.20	9.10±0.30	9.10±0.20	9.10±0.2	9.0±0.20	5.1±0.15	7.90±0.30	10.60±0.3	7.90±0.30	11.90±0.30	13.50±0.30
	D(中柱)	4.55±0.20	5.40±0.20	5.60±0.20	5.3±0.2	5.30±0.20	5.3±0.2	5.3±0.15	5.20±0.25	5.90±0.30	8.9±0.2	8.90±0.30	8.9±0.2	8.9±0.2	11.4±0.1	8.8±0.20	11.40±0.30	10.00±0.20	11.4±0.20	11.4±0.20	14.60±0.30	14.6±0.25	14.5±0.2	14.6±0.2	15.35±0.2	19.70±0.20	16.60±0.3	26.00±0.3	21.50±0.40	22.50±0.40
	E(窗口)	7.25	8.7	10.4	11.0±0.4	11.2	11.5±0.4	11.45±0.50	11.5	12	16.0±0.5	15.5	15.5min	15.6min	18.1min	16.6min	18.1	19	20.1±0.30	20.0min	21.6	23.0min	23.0min	24.5min	23.1min	30.1	30.6	36.3	37.5	34.8
	F(内高)	3.85±0.20	4.60±0.20	4.50±0.20	5.5±0.2	5.70±0.20	5.5±0.2	6.2±0.20	5.80±0.30	5.30±0.30	7.7±0.25	10.30±0.30	9.2±0.15	7.7±0.25	7.9±0.2	7.8±0.2	9.30±0.30	12.15±0.25	9.45±0.20	9.80±0.20	11.30±0.40	11.4±0.20	13.65±0.20	11.4±0.2	15.5±0.2	17.30±0.30	16.30±0.3	18.50±0.3	18.70±0.30	22.00±0.40
G(中柱)	1.50±0.20	2.00±0.20	2.05±0.20	2.3±0.2	2.40±0.20	2.3±0.2	2.4±0.10	2.30±0.20	2.50±0.20	3.7±0.15	3.70±0.20	3.4±0.2	3.6±0.2	4.6±0.1	3.7±0.2	8.20±0.25	6.50±0.20	5.2±0.20	5.2±0.20	4.90±0.25	4.8±0.15	4.7±0.2	4.9±0.2	3.10±0.15	3.90±0.30	6.60±0.25	3.90±0.30	7.50±0.30	9.00±0.30	
磁芯常数 C <sub>i</sub> (mm) Core	3.29	2.50	3.01	2.23	2.27	2.31	3.1	2.4	3.07	1.52	1.85	1.9	1.54	3.1	1.5	0.96	1.112	1.04	1.125	0.98	1.01	1.12	1.086	1.75	1.42	1.02	1.235	0.78	0.63	
有效磁路长度 L <sub>e</sub> (mm)	23.7	28.5	29.5	34.37	34	34.69	38.5	32.9	44.5	47	61.2	52.7	48	38.5	48.8	56.5	70.2	57.6	61.2	67.3	70.1	75.1	72.4	88	109.2	108.8	125.2	120.8	130.0	
有效截面积 A <sub>e</sub> (mm <sup>2</sup> )	7.2	11.4	9.8	15.44	15	15.01	12.4	13.5	14.5	31	33.0	27.1	31.1	12.4	31.4	58.6	63.12	55.1	54.4	69.0	68.8	67.3	66.6	50.4	76.83	106.5	101.4	155.8	208.0	
有效体积 V <sub>e</sub> (mm <sup>3</sup> ) Effective	171	325	289	530.6	510	520.9	633	443	645	1460	2020	1434	1494.2	633	1532	3311	6431.4	3175	3334	4644	4825	5056	4828.1	4435	8480	11587	12930	18821	27040	
重量 (g) Weigh	0.9	1.8	1.6	2.7	2.9	2.8	3	2.7	3.1	6.96	9.1	7.20	7.5	11.4	7.6	16.7	22.2	15.3	16.5	22.5	23.9	25.8	22.3	21.3	40	58.0	58	89.0	130.0	
约设计功率 (W) Design power 1KHz/0.25v	2.7	5.4	4.8	8.1	8.7	8.4	9	8.1	9.3	20.88	27.3	21.6	22.5	34.2	22.8	50.1	66.6	45.9	49.5	67.5	71.7	77.4	66.9	63.9	120	174	174	267	390	
电感系数 AL(mH/N <sup>2</sup> )	TP4	590	800	700	800	800	800	800	850	1450	1200	1200	1100	1350	2000	1300	2200	1800	2000	1900	2000	2000	1800	2000	1480	1600	2300	2250	3200	3500
	TP4A	616	835	730	835	835	835	835	887	1513	1252	1252	1148	1409	2087	1357	2296	1878	2087	1983	2087	2087	1878	2087	1544	1670	2400	2348	3339	3652
	TP47	641	870	761	870	870	870	870	924	1576	1304	1304	1196	1467	2174	1413	2391	1957	2174	2065	2174	2174	1957	2174	1609	1739	2500	2446	3478	3804
	TP95	847	1148	1004	1148	1148	1148	1148	1220	2080	1722	1722	1578	1937	2870	1865	3157	2583	2870	2726	2870	2870	2583	2870	2123	2296	3300	3228	4591	5022

注: AL值测试条件为1KHz, 0.25v, 100ts, 25±3°C