



High Quality Transformers

小型高速パルストランス

下記データを参考に特注品承りますのでご下命下さい。

(試作時実測参考データ)

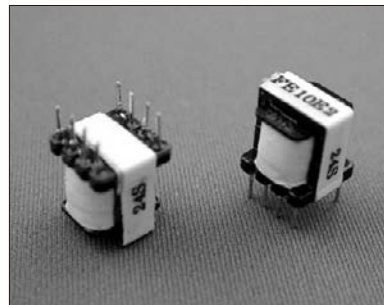
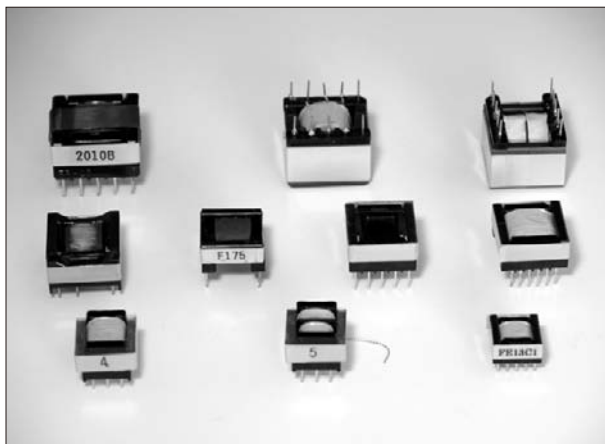
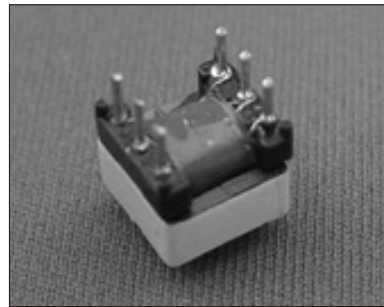
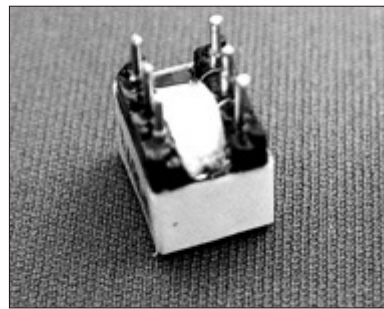
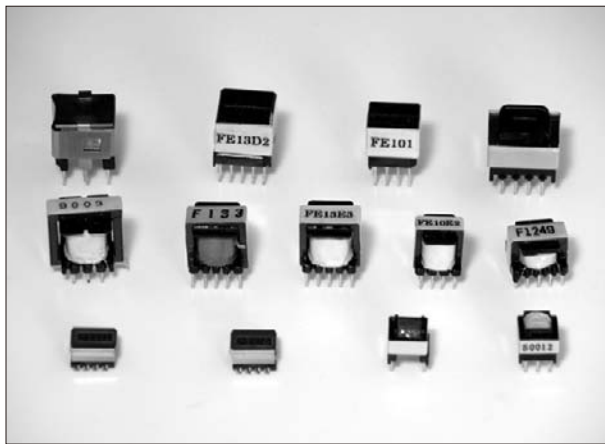
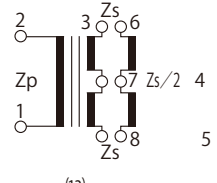
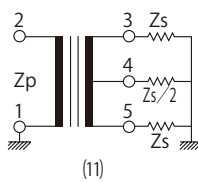
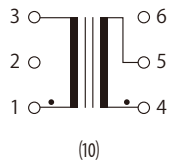
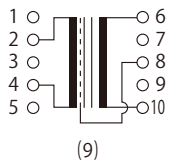
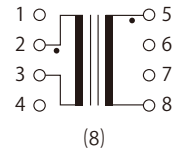
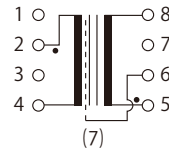
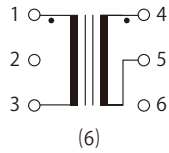
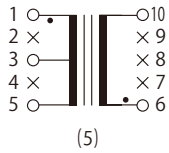
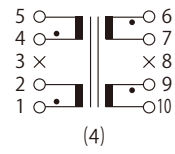
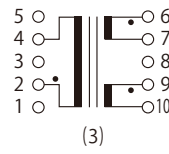
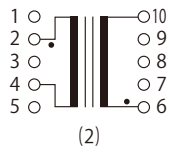
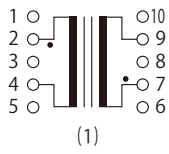
品番	巻数比	インダクタンス at 1KHz	リーケージ at 1KHz	静電容量 at 1KHz	直流抵抗 ±20%		耐圧	接続図	外形図
					(P)	(S)			
FE7-1	1:1	15mH	10μH	12PF	1.14 Ω	1.38 Ω	1KV	(6)	EP7-316D
FE7-2	1:1	30mH	110μH	12PF	4.45	5.45	1KV	(6)	〃
FE7-3	1:1	70mH	390μH	12PF	20.0	24.5	1KV	(6)	〃
FE8-1	1:1	1.6mH	12μH	16PF	0.60	0.71	1KV	(10)	EP8-116CPH
FE8-2	1:1	6.5mH	55μH	17PF	2.70	3.22	1KV	(10)	〃
FE8-3	1:1	25mH	300μH	16PF	14.9	12.1	1KV	(10)	〃
FE10-1	1:1	3.5mH	9μH	20PF	0.39	0.49	1KV	(8)	EP10-318D
FE10-2	1:1	15mH	35μH	21PF	1.35	1.80	1KV	(8)	〃
FE10-3	1:1	55mH	130μH	22PF	5.55	7.15	1KV	(8)	〃
FE10E-1	1:1	30mH	45μH	35PF	98	3.8	1KV	(7)	EE10
FE10E-2	1:1	30mH	48μH	30PF	445	5.1	1KV	(7)	〃
FE10E-3	1:1	30mH	53μH	30PF	870	6.5	1KV	(7)	〃
FE12-1	1:1	0.8mH	20μH	20PF	0.31	0.40	1KV	(1)	EI-12.5 1110CP
FE12-2	1:1	3.1mH	60μH	20PF	1.24	1.63	1KV	(2)	〃
FE12-3	1:1:1	8.0mH	60μH	25PF	2.18 ~	3.10	1.5KV	(3)	〃
FE12-4	1:1:1	7.5mH	40μH	25PF	1.10 ~	1.70	1.5KV	(4)	〃
FE12-5	1:1:1	5.0mH	40μH	20PF	1.80 ~	2.90	1.5KV	(4)	〃
FE12-6	2:1:1	24.0mH	250μH	30PF	4.0 ~	2.4	1.0KV	(3)	〃
FE12-7	1:2:2	6.5mH	40μH	30PF	2.7 ~	7.7	1.0KV	(3)	〃
FE12-8	1:1:50	0.23mH	30μH	20PF	1.7 ~	126	1.5KV	(5)	〃
FE12-9	1:1:50	0.23mH	30μH	20PF	2.6 ~	129	1.5KV	(5)	〃
FE13C-1	1:1	5.0mH	10μH	30PF	0.34	0.44	1.0KV	(9)	EPC13 1110CPH
FE13C-2	1:1	20mH	20μH	30PF	1.26	1.57	1.0KV	(9)	〃
FE13C-3	1:1	80mH	220μH	30PF	5.5	7.0	1.0KV	(9)	〃
FE13E-1	1:1	1.5mH	8.5μH	40PF	0.22	0.28	1.0KV	(9)	EE13
FE13E-2	1:1	7.0mH	45μH	40PF	0.91	1.16	1.0KV	(9)	〃
FE13E-3	1:1	35mH	220μH	40PF	4.4	5.9	1.0KV	(9)	〃
FE13D-1	1:1	4.0mH	12μH	40PF	0.44	0.55	1.0KV	(9)	EP-13 3110D
FE13D-2	1:1	10mH	45μH	40PF	1.80	2.29	1.0KV	(9)	〃
FE13D-3	1:1	60mH	150μH	40PF	6.60	8.35	1.0KV	(9)	〃

$$TR=Ep/Es \quad Ip=Is/TR \quad Lp=Ep \cdot Pw/0.1Ip \quad Pw=(1/f) \cdot D \quad ET=Ep \cdot Pw(V \cdot \mu \text{ sec})$$

Ep: 入力電圧 Es: 出力電圧 Pw: パルス伝送幅 Ip: 1次電流 Is: 2次電流 TR: 電圧比 D: 最大デューティ f: 周波数

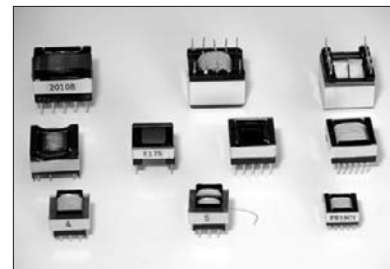
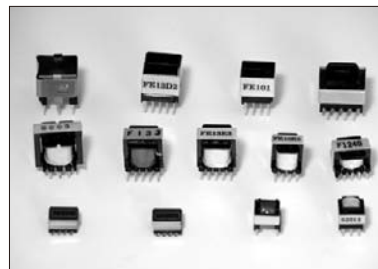
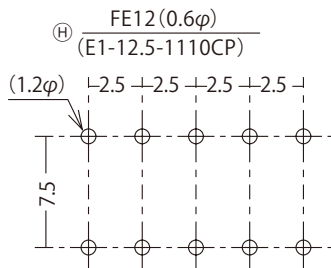
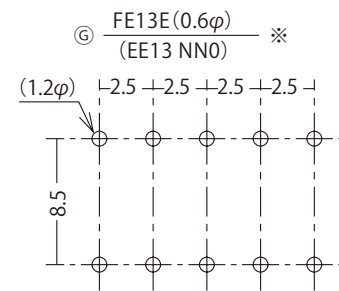
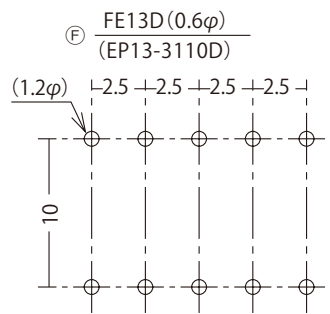
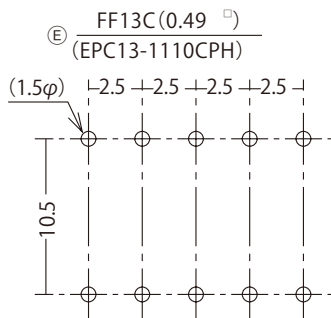
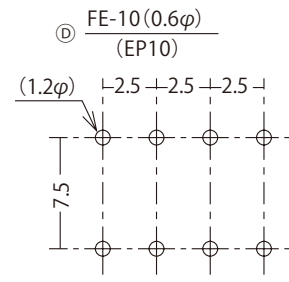
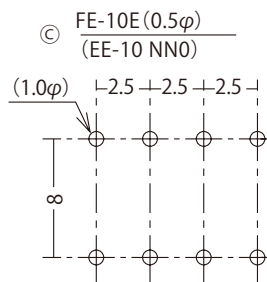
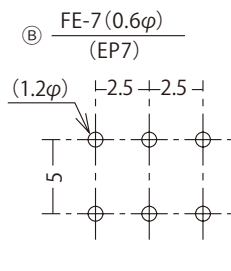
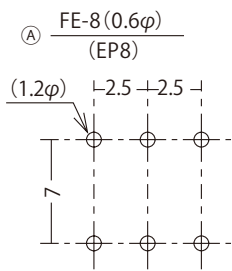


High Quality Transformers

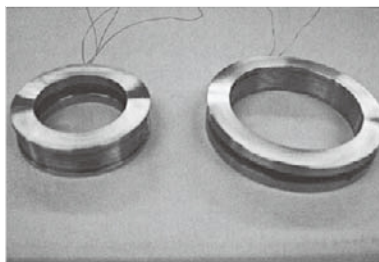
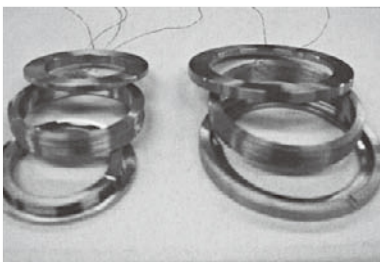
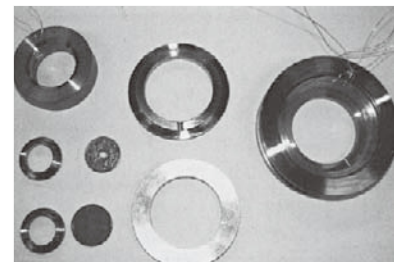
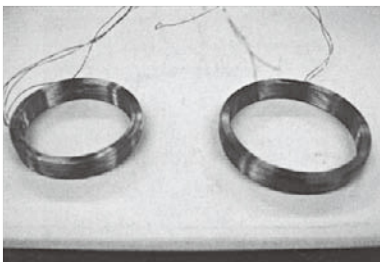




High Quality Transformers



※フェライトポビンにつき入手難等から予告なく変更することがあります。

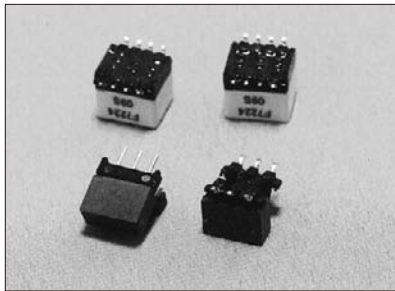


ロータリートランス例



High Quality Transformers

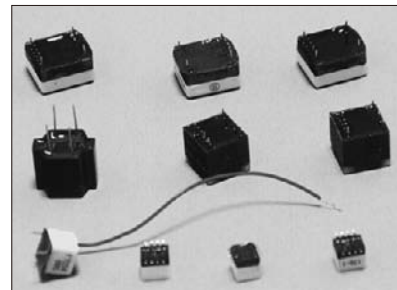
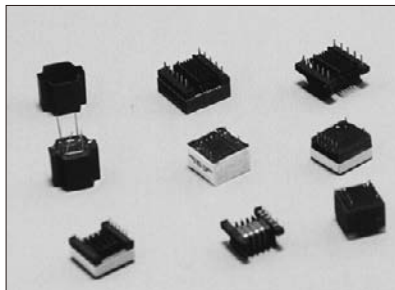
高出力パルストランス



- 1) 小型、小電力、高出力パルストランスの例です。
- 2) エポキシ対応もご相談によります。
- 3) 下記を目安に特注品承りますのでご下命下さい。

[試作時実測参考データ]

品番	巻数比	端子 NO	インダクタンス			リーケージ			静電容量			直流抵抗	耐圧 P:S/W:C	接続図	外形
			1KHz	10KHz	100KHz	1KHz	10KHz	100KHz	1KHz	10KHz	100KHz				
F7-36A	1:66	(1-4)	21.3 μ H	21.16 μ H	22.99 μ H	1.3 μ H	1.05 μ H	1.039 μ H	P:S	P:S	P:S	78.7m Ω	1.5KV	(1)	EP7-3/S
		(5-8)	105.9mH	91.1mH	109.8mH	116.4mH	17.68mH	2.06mH	6.3PF	6.14PF	5.96PF	35.3m Ω	500V		
F7-36B	1:66	(1-4)	42.7 μ H	47.6 μ H	61.96 μ H	1.2 μ H	1.08 μ H	1.063 μ H	P:S	P:S	P:S	78.7m Ω	1.5KV	(1)	EP7-3/S
		(5-8)	214mH	203mH	396mH	225mH	19.69mH	2.17mH	7.2PF	7.01PF	6.79PF	35.3m Ω	500V		
F19-245	1:25.7	(1-2)	200 μ H	200 μ H	224 μ H	43.4 μ H	41.9 μ H	41.9 μ H	P:S	P:S	P:S	0.55 Ω	1.5KV	(3)	EPC19SB
		(7-6)	113.2mH	112.4mH	152mH	88.6mH	25.1mH	24.9mH	9.6PF	9.1PF	8.7PF	64.5 Ω	500V		
F25-186	1:180	(2-5)	7.2 μ H	7.0 μ H	9.1 μ H	0.6 μ H	0.47 μ H	0.46 μ H	P:S	P:S	P:S	50.1m Ω	1.5KV	(2)	EPH25-7/S
		(7-10)	242mH	218mH	300mH	240mH	92mH	12.7mH	2.9PF	2.89PF	3.04PF	29.3 Ω	500V		



接続図

