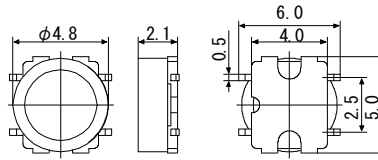
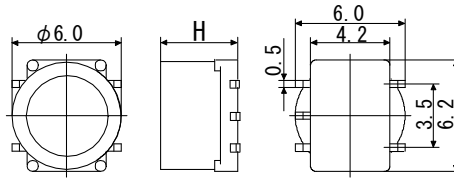


■ 7004-2

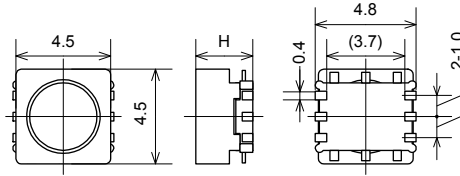


■ 7006-2S  
7006-2L  
7006-2M  
7006-2N  
7006-3N



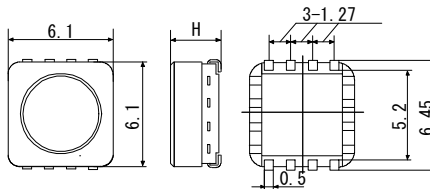
H=2.8:7006-2S  
H=3.7:7006-2L  
H=4.2:7006-2M  
H=5.2:7006-2N/3N

■ 5RMH  
5RLHA  
5RLH



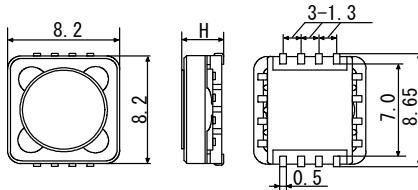
H=2.0 max.:5RMH  
H=2.5 max.:5RLHA  
H=3.0 max.:5RLH

■ 6RLHA  
6RLH  
6RKH



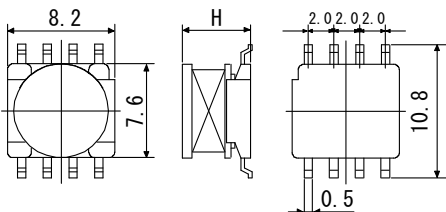
H=2.5 max.:6RLHA  
H=3.0 max.:6RLH  
H=4.0 max.:6RKH

■ 8RLHA  
8RLH  
8RKH



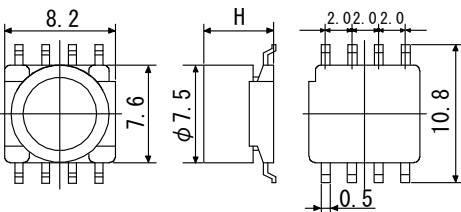
H=2.5 max.:8RLHA  
H=3.0 max.:8RLH  
H=4.0 max.:8RKH

■ 7008-1M  
7008-1N



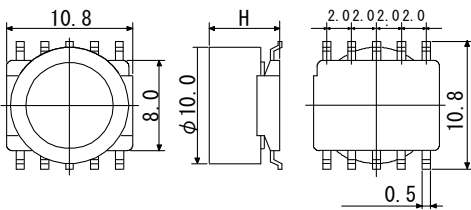
H=3.6:7008-1M  
H=6.2:7008-1N

■ 7008-2M  
7008-2N  
7008-2H



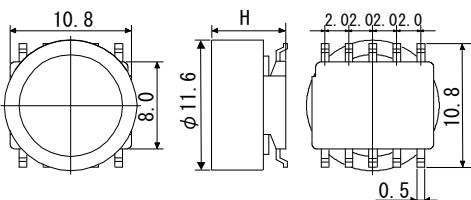
H=4.0:7008-2M  
H=5.0:7008-2N  
H=6.0:7008-2H

■ 7010-2M  
7010-2N



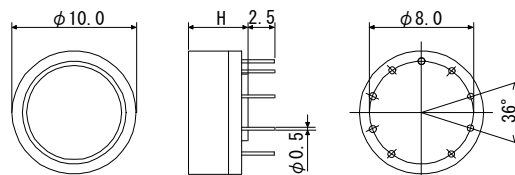
H=4.7:7010-2M  
H=6.2:7010-2N

■ 7012-2N  
7012-2H



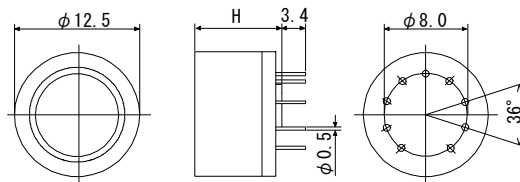
H= 6.2:7012-2N  
H=10.0:7012-2H

■ 10RJG  
10RGG  
10RFG



H=4.8:10RJG  
H=6.2:10RGG  
H=7.5:10RFG

■ 12RGG  
12REG  
12RDG



H=6.2:12RGG  
H=8.0:12REG  
H=9.2:12RDG

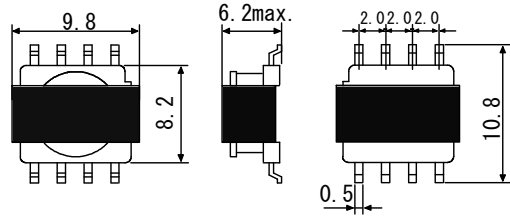
## Selection Guide

Type タイプ	Appearance 形状	Maximum output power (reference) 最大出力電力(参考) (W)			Input voltage range 入力電圧範囲 (V)	Output voltage range 出力電圧範囲 (V)		Operating frequency 動作周波数 (kHz)		Output Channels 出力数
		Royer ロイヤー 100kHz	Fly-back フライバック			30	Max.	5000	Max.	
			100kHz	500kHz						
7004-2	4.8 φ SMD	0.2	0.1	0.2	0.7~10	30	Max.	5000	Max.	2
7006-2S	6 φ SMD	0.9	0.6	1.0	0.7~18	30	Max.	2000	Max.	3
7006-2L	6 φ SMD	1.1	0.7	1.2	0.7~18	30	Max.	2000	Max.	3
7006-2M	6 φ SMD	1.2	0.8	1.3	0.7~24	30	Max.	2000	Max.	3
7006-2N	6 φ SMD	1.4	0.9	1.5	0.7~24	30	Max.	2000	Max.	3
7006-3N	6 φ SMD	1.4	0.9	1.5	0.7~24	30	Max.	2000	Max.	3
5RMH	5 □ SMD	0.2	0.1	0.3	0.7~15	30	Max.	2000	Max.	4
5RLHA	5 □ SMD	0.3	0.2	0.5	0.7~15	30	Max.	2000	Max.	4
5RLH	5 □ SMD	0.5	0.4	0.8	0.7~15	30	Max.	2000	Max.	4
6RLHA	6 □ SMD	0.8	0.5	1.2	0.7~18	30	Max.	1000	Max.	5
6RLH	6 □ SMD	1.2	0.8	1.5	0.7~18	30	Max.	1000	Max.	5
6RKH	6 □ SMD	1.5	1.0	1.8	0.7~18	30	Max.	1000	Max.	5
8RLHA	8 □ SMD	1.2	0.8	1.5	0.7~18	30	Max.	1000	Max.	6
8RLH	8 □ SMD	1.5	1.0	1.8	0.9~24	40	Max.	1000	Max.	6
8RKH	8 □ SMD	1.9	1.3	2.3	0.9~24	40	Max.	1000	Max.	6
7008-1M	8 φ SMD	1.3	1.0	1.8	0.9~24	40	Max.	2000	Max.	6
7008-1N	8 φ SMD	1.7	1.1	2.0	0.9~24	40	Max.	2000	Max.	6
7008-2M	8 φ SMD	1.7	1.1	2.0	0.9~18	30	Max.	2000	Max.	6
7008-2N	8 φ SMD	1.9	1.3	2.3	0.9~24	40	Max.	2000	Max.	6
7008-2H	8 φ SMD	2.3	1.5	2.7	0.9~24	40	Max.	2000	Max.	6
7010-2M	10 φ SMD	2.3	1.5	2.7	0.9~35	40	Max.	2000	Max.	8
7010-2N	10 φ SMD	3.0	2.0	3.6	0.9~35	130	Max.	1000	Max.	8
7012-2N	12 φ SMD	3.8	2.5	4.5	0.9~35	150	Max.	1000	Max.	8
7012-2H	12 φ SMD	4.5	3.0	5.4	0.9~35	150	Max.	500	Max.	8
10RJG	10 φ PIN	1.5	1.0	1.8	0.9~18	45	Max.	500	Max.	6
10RGG	10 φ PIN	1.8	1.2	2.2	0.9~24	45	Max.	1000	Max.	6
10RFG	10 φ PIN	2.3	1.5	2.7	0.9~24	45	Max.	1000	Max.	6
12RGG	12 φ PIN	2.7	1.8	3.2	0.9~24	130	Max.	500	Max.	6
12REG	12 φ PIN	3.2	2.1	3.8	0.9~35	130	Max.	500	Max.	6
12RDG	12 φ PIN	3.8	2.5	4.5	0.9~35	150	Max.	500	Max.	6

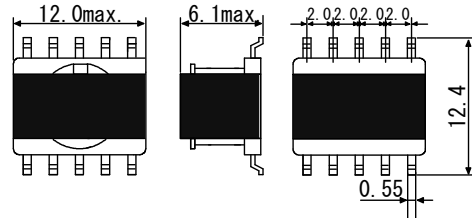
- Notes: 1. Maximum output power is measured at 20 degree C increase of temperature.  
2. Standard value of maximum output above varies depending on the selected circuit and parts.

- 記事 1. 最大出力電力は、温度上昇 20℃の時の値。  
2. 最大出力電力の値は、使用回路などにより変わります。

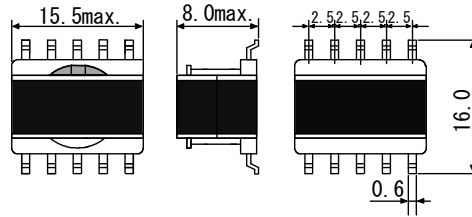
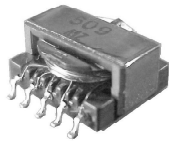
■ 9EHH



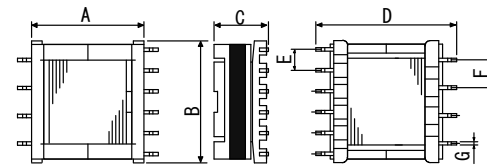
■ 11EHH



■ 14EFH

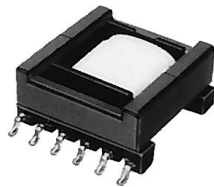


■ 13LFH



to

25LDH



SAGAMI Type サガミタイプ	Dimensions(mm)							Pins
	A	B	C	D	E	F	G	ピン数
13LFH	14.0	14.0	8.8	19.6	3.0	3.0	0.7	10
17LDH	18.0	18.0	10.8	23.0	3.5	5.0	0.7	9
19LDH	20.5	20.0	10.8	25.0	3.5	5.0	0.7	10
25LDH	23.5	26.0	10.9	28.7	3.5	5.0	0.7	11

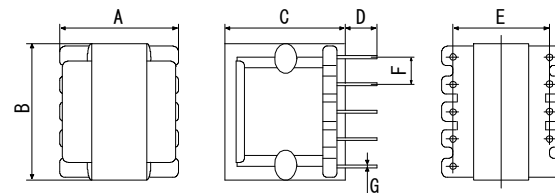
Note: Each type has its own pin style such as numbers of pins, pin pitch etc.

記事: タイプにより端子ピンの本数やピン間のピッチ等が変わりますのでご注意ください。

■ EE8.3

to

EER25.5

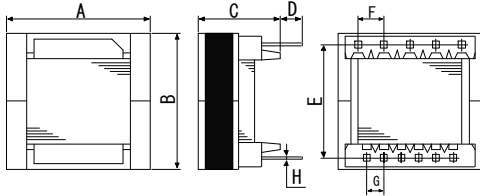
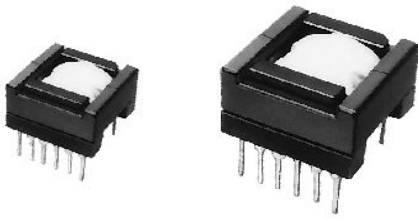


SAGAMI Type サガミタイプ	Dimensions(mm)							Pins
	A	B	C	D	E	F	G	ピン数
EE8.3	8.0	8.3	8.0	3.0	6.0	2.5	0.4	6
EE10.2	10.3	10.3	10.7	3.0	8.0	2.5	0.5	8
EI12.5	12.7	12.4	8.8	3.0	7.5	2.5	0.6	10
EE13	12.6	13.0	12.2	3.0	8.5	2.5	0.6	10
EE16	13.0	16.0	14.4	2.8	9.2	3.1	0.5	6
SEE16	14.0	16.0	14.4	4.0	11.0	3.3	0.6	10
EE19	14.9	19.0	16.0	4.3	11.0	4.0	0.7	7
SEE19	18.8	19.2	16.2	4.5	15.0	4.0	0.7	10
EE22	17.0	22.8	20.0	6.0	12.5	5.0	0.6	8
EE25	17.7	25.3	20.5	4.5	12.5	5.0	0.8	8
EER25.5	19.6	26.2	23.0	5.0	12.5	5.0	0.8	8

Note: Each type has its own pin style such as numbers of pins, pin pitch etc.

記事: タイプにより端子ピンの本数やピン間のピッチ等が変わりますのでご注意ください。

## ■ 13LF to 25LA



SAGAMI Type サガミタイプ	Dimensions(mm)								Pins
	A	B	C	D	E	F	G	H	ピン数
13LF	13.8	14.0	7.8	2.5	10.5	2.5	2.5	0.49	10
17LC	18.0	18.0	12.0	4.5	15.0	3.75	2.5	0.5	10
19LC	19.7	20.2	12.0	4.5	16.25	3.75	2.5	0.5	11
25LA	25.6	25.8	16.2	4.5	20.0	5.0	3.75	0.8	11

Note: Each type has its own pin style such as numbers of pins, pin pitch etc.

記事: タイプにより端子ピンの本数やピン間のピッチ等が変わりますのでご注意ください。

## Selection Guide

Type タイプ	Appearance 形状		Maximum output power (reference) 最大出力電力(参考) (W)			Input voltage range 入力電圧範囲 (V)	Output voltage range 出力電圧範囲 (V)		Operating frequency 動作周波数 (kHz)		Output Channels 出力数
			Conditions 条件								
			(A)	(B)	(C)						
9EH	ER9.5/5	SMD	2.3	1.1	2.8	0.7~18	30	Max.	1000	Max.	3
11EH	ER11/5	SMD	3.0	1.5	3.4	0.7~24	130	Max.	1000	Max.	5
14EFH	ER14.5/6	SMD	5.4	2.7	5.0	0.7~35	150	Max.	1000	Max.	5
13LFH	EPC13	SMD	4.8	2.4	5.4	0.7~35	130	Max.	500	Max.	5
17LDH	EPC17	SMD	12.0	6.0	10.1	0.7~50	150	Max.	500	Max.	6
19LDH	EPC19	SMD	16.2	8.1	13.6	0.7~50	150	Max.	500	Max.	6
25LDH	EPC25	SMD	27.0	13.5	22.1	0.7~50	150	Max.	500	Max.	6
EE8.3	8.3	PIN	2.8	1.4		0.7~10	50	Max.	100	Max.	3
EE10.2	10.2	PIN	5.6	2.8		0.7~24	80	Max.	200	Max.	5
EI12.5	12.5	PIN	5.3	2.6		0.7~24	80	Max.	200	Max.	6
EE13	13	PIN	10.2	5.1		0.7~35	150	Max.	500	Max.	6
EE16	16	PIN	17.4	8.7		0.7~35	150	Max.	500	Max.	6
SEE16	16	PIN	19.2	9.6		0.7~35	150	Max.	500	Max.	6
EE19	19	PIN	24.0	12.0		0.7~35	150	Max.	500	Max.	4
SEE19	19	PIN	36.0	18.0		0.9~50	150	Max.	300	Max.	6
EE22	22	PIN	19.8	9.9		0.9~50	150	Max.	300	Max.	5
EE25	25	PIN	42.0	21.0		0.9~50	150	Max.	300	Max.	5
EER25.5	25.5	PIN	52.2	26.1		0.9~50	150	Max.	300	Max.	6
13LF	EPC13	PIN	4.8	2.4	5.4	0.7~35	130	Max.	500	Max.	5
17LC	EPC17	PIN	12.0	6.0	10.1	0.7~50	150	Max.	500	Max.	5
19LC	EPC19	PIN	16.2	8.1	13.6	0.7~50	150	Max.	500	Max.	6
25LA	EPC25	PIN	35.4	17.7	29.1	0.7~50	150	Max.	500	Max.	6

### Conditions 条件

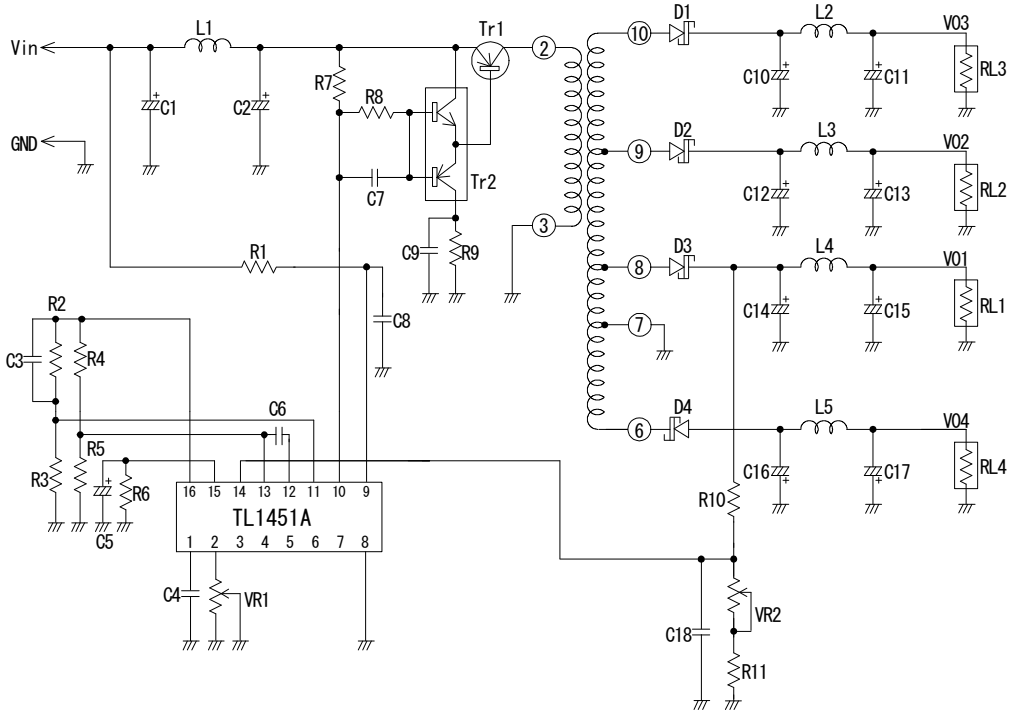
Item 項目	Circuits 回路		
	(A)	(B)	(C)
Core materials コア材質	Low loss 低損失材		High-frequency 高周波材
Circuits 回路	Fly-back フライバック		
Frequency 周波数	100kHz	100kHz	500kHz
Temperature rise 温度上昇	40°C	20°C	

Notes: 1. Standard value of maximum output above varies depending on the selected circuit and parts.  
2. Operating frequency varies depending on core materials.

記事: 1. 最大出力電力の値は、使用回路などにより変わります。  
2. 動作周波数は、コア材質で異なります。

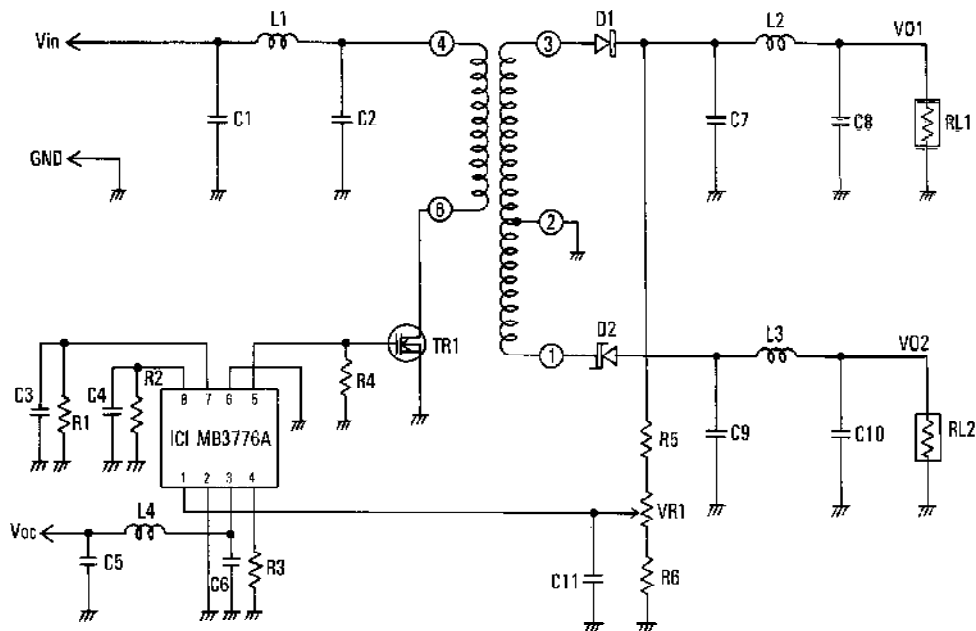
Example circuit (1)

回路例



Example circuit (2)

回路例

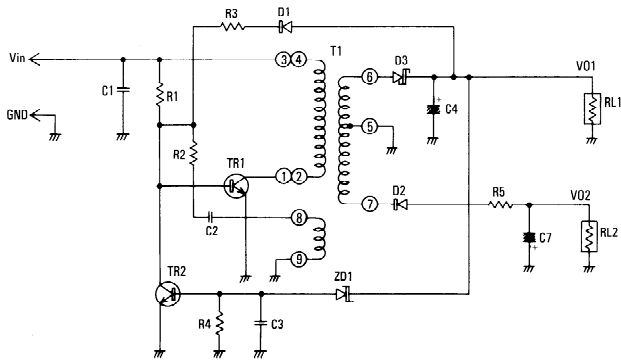


Notes: Above circuit example is based on a typical circuit using our transformer/coil. As figures in the circuit vary according to specified conditions, separate discussions are needed to clarify details.

記事：上記応用回路例は、弊社のトランス（コイル）を使用した代表的なものです。回路定数については、個々の条件により異なりますので、詳細については別途お問い合わせ下さい。

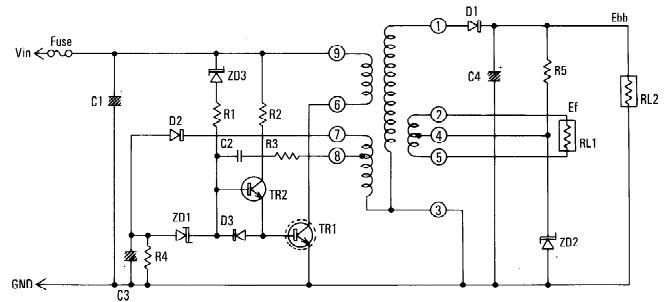
Example circuit (3)

回路例



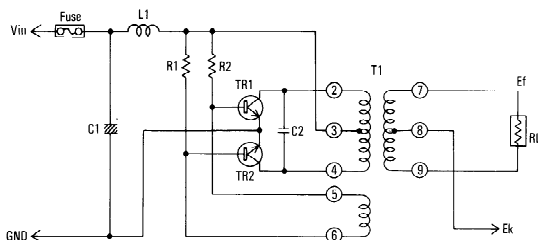
Example circuit (4)

回路例



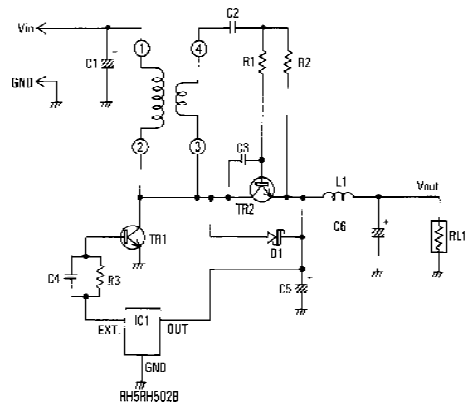
Example circuit (5)

回路例



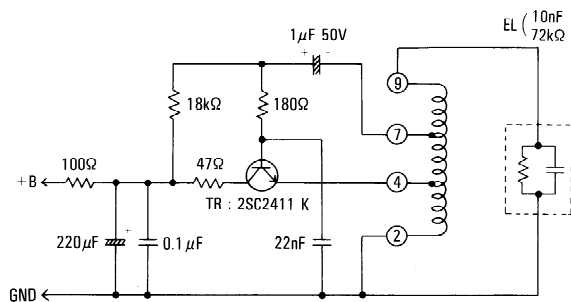
Example circuit (6)

回路例



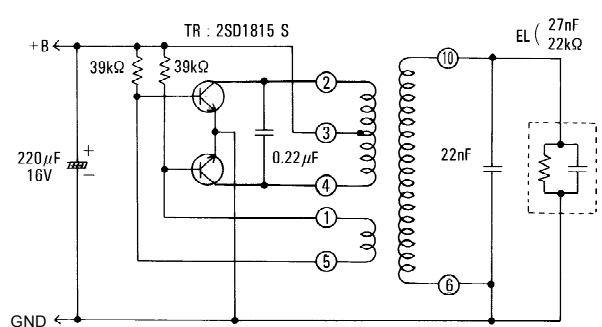
Example circuit (7)

回路例



Example circuit (8)

回路例



Notes: Above circuit example is based on a typical circuit using our transformer/coil. As figures in the circuit vary according to specified conditions, separate discussions are needed to clarify details.

記事：上記応用回路例は、弊社のトランス（コイル）を使用した代表的なものです。回路定数については、個々の条件により異なりますので、詳細については別途お問い合わせ下さい。