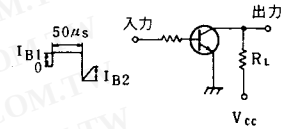


注1. $T_c = 25^\circ\text{C}$. 注2. A.C. 1分間。

型 名	最 大 定 格											電 氣 的 特 性									
	V_{CE0}	$V_{CEX(SUS)}$	V_{EBO}	I_C	I_{CP}	I_B	I_F	I_{FW}	P_C	T_J	T_{JL}	$V_{I_{AO}}$	I_{CBO}	I_{EBO}	$V_{CE0(SUS)}$	h_{FE}	V_{CE}	I_C			
	(V)	(V)	(V)	(A)	(I_{ms}) (A)	(A)	(A)	(I_{ms}) (A)	(W) (注1)	($^{\circ}C$)	($^{\circ}C$)	(V) (注2)	(mA) (最大)	V_{CB} (V)	(mA) (最大)	(V) (最大)	I_C (最小)	(A) (最小)	(V) (最大)	(A) (最大)	
MG75M2CK1	1000	1000	7	75	150	7.5	75	150	400	150	-40~125	2500	2.0	1000	200	7	880	1.0	100	5	75
MG75M2YK1	1000	1000	7	75	150	7.5	75	150	400	150	-40~125	2500	2.0	1000	200	7	880	1.0	100	5	75
MG75Q2YK1	1200	1200	7	75	150	7.5	75	150	400	150	-40~125	2500	2.0	1200	200	7	900	1.0	100	5	75
MG80S2YK1	1400	1400	7	80	160	8.0	80	160	800	150	-40~125	2500	4.0	1400	300	7	1000	1.0	100	5	80
MG100G2CL1	600	600	6	100	200	10	100	200	400	150	-40~125	2500	2.0	600	200	6	450	0.5	100	5	100
MG100G2YL1	600	600	6	100	200	10	100	200	400	150	-40~125	2500	2.0	600	200	6	450	0.5	100	5	100
MG100H2CK1	600	600	7	100	200	5.0	100	200	400	150	-40~125	2500	1.0	600	200	7	550	0.5	200	5	100
MG100H2CL1	600	600	6	100	200	15	100	200	400	150	-40~125	2500	1.0	600	200	6	550	0.5	80	5	100
MG100H2YL1	600	600	6	100	200	15	100	200	400	150	-40~125	2500	1.0	600	200	6	550	0.5	80	5	100
MG100M2CK1	1000	1000	7	100	200	10	100	200	700	150	-40~125	2500	4.0	1000	400	7	880	1.0	100	5	100
MG100M2YK1	1000	1000	7	100	200	10	100	200	700	150	-40~125	2500	4.0	1000	400	7	880	1.0	100	5	100
MG100Q2YK1	1200	1200	7	100	200	10	100	200	700	150	-40~125	2500	2.0	1200	400	7	900	1.0	100	5	100
MG150G2YL1	600	600	6	150	300	20	150	300	700	150	-40~125	2500	2.0	600	200	6	450	0.5	100	5	150
MG150H2CL1	600	600	6	150	300	20	150	300	700	150	-40~125	2500	2.0	600	400	6	550	0.5	80	5	150
MG150H2YL1	600	600	6	150	300	20	150	300	700	150	-40~125	2500	2.0	600	400	6	550	0.5	80	5	150
MG150M2CK1	1000	1000	7	150	300	15	150	300	800	150	-40~125	2500	8.0	1000	400	7	880	1.0	100	5	150
MG150M2YK1	1000	1000	7	150	300	15	150	300	800	150	-40~125	2500	8.0	1000	400	7	880	1.0	100	5	150
MG150M2YK2	1000	1000	7	150	300	15	150	300	800	150	-40~125	2500	4.0	1000	400	7	880	1.0	80	5	150
MG150Q2YK1	1200	1200	7	150	300	20	150	300	800	150	-40~125	2500	4.0	1200	400	7	900	1.0	100	5	150
MG200H2CK1	600	600	7	200	400	10	200	400	800	150	-40~125	2500	2.0	600	400	7	550	0.5	200	5	200

■スイッチング時間測定回路

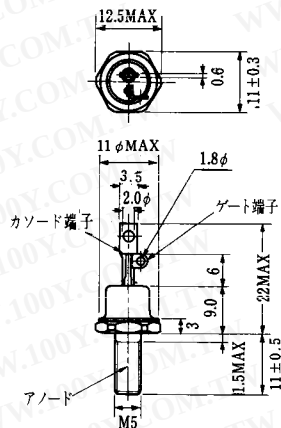


繰り返し周期 = 0.5 %

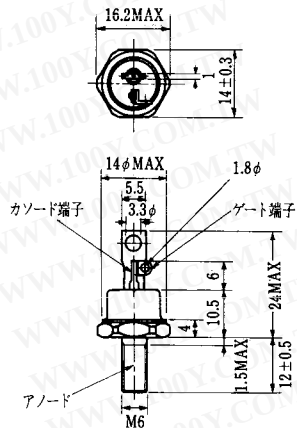
注 3. スwitching 時間の * 印は typ. 値。

(T _a = 25℃)											エミッタ・コレクタ間ダイオード						熱抵抗		等 価 回 路	外形図	記 事	型 名
飽和電圧 (V)		I _c	I _B	スイッチング時間 (μs)			I _{B1}	I _{B2}	V _{CC}	R _L	V _{FE} (V)	t _{rr} (μs)		I _{FE}	V _{BE}	di/dt (A/μs)	R _{th(j-a)} (℃/W)					
V _{CE}	V _{BE}			t _{on}	t _{off}	t _r						I _{FE}	V _{BE}				トランジスタ部	ダイオード部				
最大	最大			(A)	(A)	最大						最大	最大				(A)	(A)				
2.5	3.5	75	1.5	2	15	5	1.5	-1.5	600	8	1.8	75	1.0	75	-3	100	0.31	1.3	CK-1	2-80B1A		MG75M2CK1
2.5	3.5	75	1.5	2	15	5	1.5	-1.5	600	8	1.8	75	1.0	75	-3	100	0.31	1.3	YK-1	2-108A2A		MG75M2YK1
2.5	3.5	75	1.5	3	12	5	1.5	-4.5	600	8	1.8	75	1.0	75	-3	100	0.31	1.3	YK-1	2-108A2A		MG75Q2YK1
2.5	3.5	80	1.6	2	17	3	1.6	-4.8	600	7.5	1.8	80	1.2	80	-3	100	0.156	0.65	YK-2	2-109B3A		MG80S2YK1
2.0	2.7	100	2.0	2	12	2	2.0	-2.0	300	3	1.6	100	2.0	100	-3	100	0.31	1.3	CL-1	2-68A2A		MG100G2CL1
2.0	2.7	100	2.0	2	12	2	2.0	-2.0	300	3	1.7	100	1.5	100	-3	100	0.31	1.3	YL-1	2-96A3A		MG100G2YL1
2.5	3.5	100	1.0	2	12	3	1.0	-1.0	300	3	1.8	100	0.7	100	-3	100	0.31	1.3	CK-1	2-80B1A		MG100H2CK1
2.0	2.7	100	3.0	2	12	4	3.0	-3.0	300	3	1.5	100	2.0	100	-3	100	0.31	1.3	CL-1	2-68A2A		MG100H2CL1
2.0	2.7	100	3.0	2	12	4	3.0	-3.0	300	3	1.7	100	1.5	100	-3	100	0.31	1.3	YL-1	2-96A3A		MG100H2YL1
2.5	3.5	100	2.0	2	15	5	2.0	-2.0	600	6	1.8	100	1.0	100	-3	100	0.179	0.65	CK-3	2-80C1A		MG100M2CK1
2.5	3.5	100	2.0	2	15	5	2.0	-2.0	600	6	1.8	100	1.0	100	-3	100	0.179	0.65	YK-2	2-109B3A		MG100M2YK1
2.5	3.2	100	2.0	2	13	4	2.0	-6.0	600	6	1.8	100	1.5	100	-3	100	0.179	0.65	YK-2	2-109B3A		MG100Q2YK1
2.0	2.7	150	3.0	3	12	2	3.0	-3.0	300	2	1.7	150	1.5	150	-3	100	0.178	0.65	YL-1	2-96A3A		MG150G2YL1
2.0	2.7	150	4.0	2	12	5	4.0	-4.0	300	2	1.5	150	2.0	150	-3	100	0.178	0.65	CL-2	2-80C1A		MG150H2CL1
2.0	2.7	150	4.0	3	12	5	4.0	-4.0	300	2	1.7	150	1.5	150	-3	100	0.178	0.65	YL-1	2-96A3A		MG150H2YL1
2.5	3.5	150	3.0	2	15	5	3.0	-3.0	600	4	1.8	150	1.0	150	-3	100	0.156	0.65	CK-3	2-80C1A		MG150M2CK1
2.5	3.5	150	3.0	2	15	5	3.0	-3.0	600	4	1.8	150	1.0	150	-3	100	0.156	0.65	YK-2	2-109B3A		MG150M2YK1
2.5	3.5	150	3.0	2	15	3	3.0	-3.0	600	4	1.8	150	1.0	150	-3	100	0.156	0.65	YK-2	2-109B3A		MG150M2YK2
2.5	3.5	150	3.0	3	12	5	3.0	-9.0	600	4	1.8	150	1.5	150	-3	100	0.156	0.65	YK-2	2-109B3A		MG150Q2YK1
2.5	3.5	200	2.0	1	12	5	2.0	-2.0	300	1.5	1.8	200	0.7	200	-3	100	0.156	0.65	CK-3	2-80C1A		MG200H2CK1

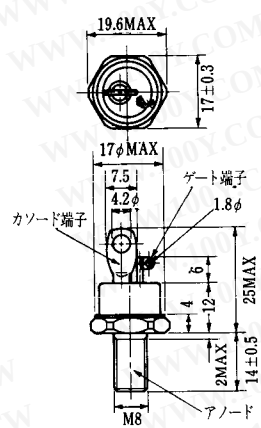
FD-1



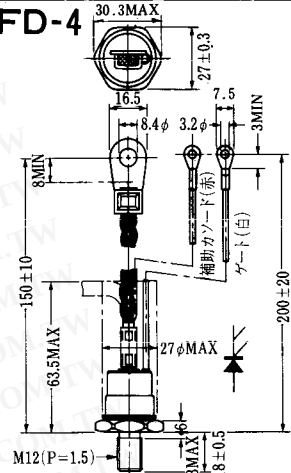
FD-2



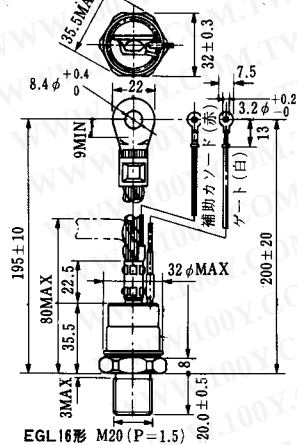
FD-3



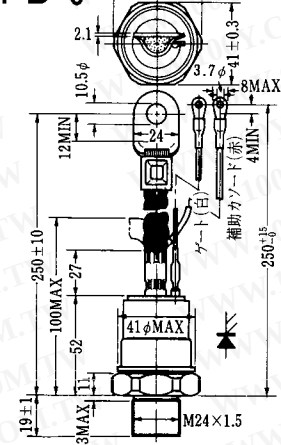
FD-4



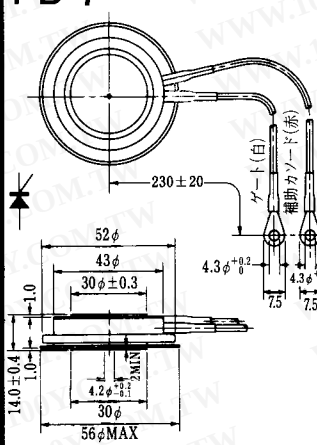
FD-5



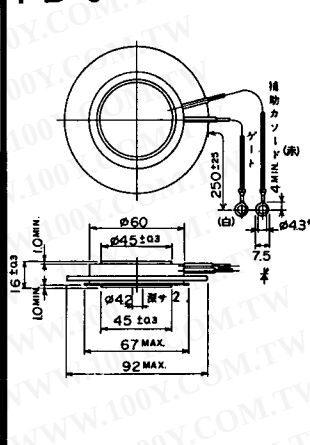
FD-6



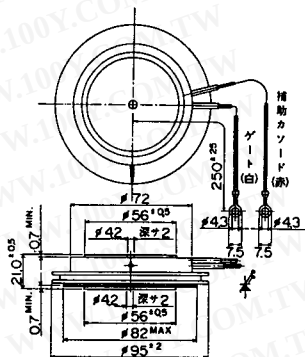
FD-7



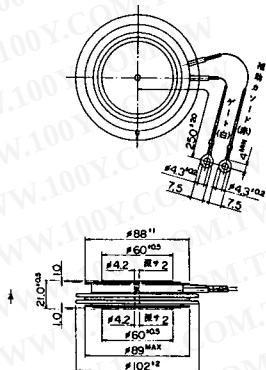
FD-8



FD-9



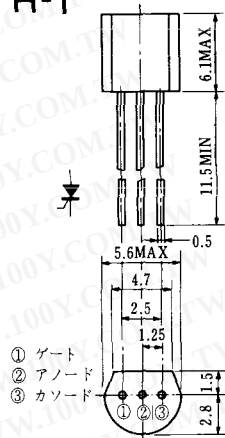
FD-10



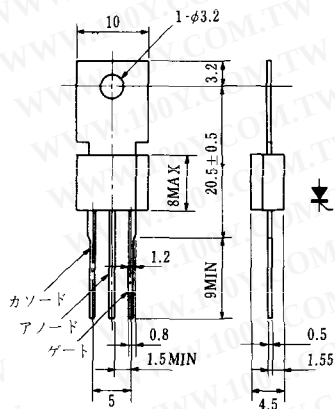
FD-11

FD-12

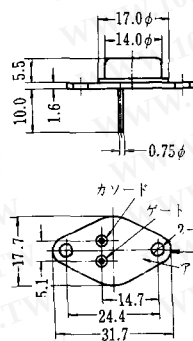
H-1



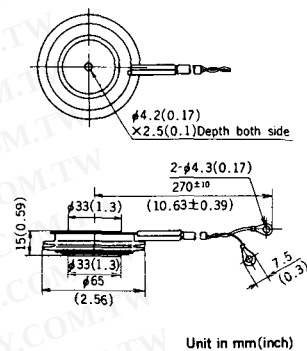
H-2



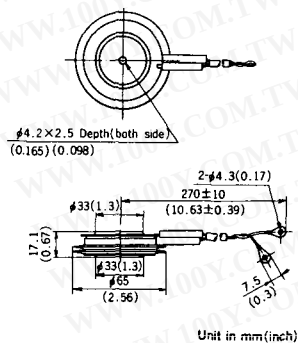
H-3



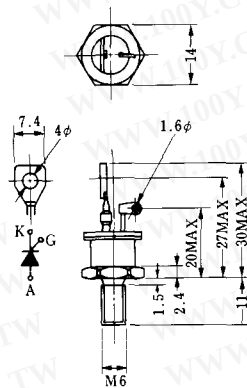
H-4



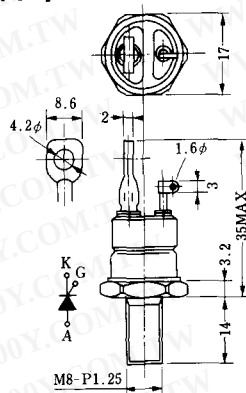
H-5



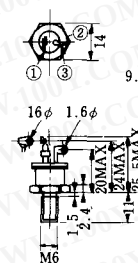
H-6



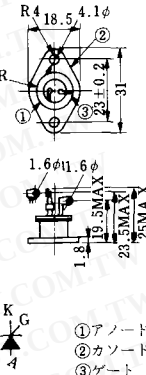
H-7



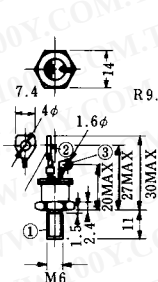
H-8A



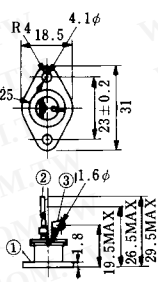
H-8B



H-9A



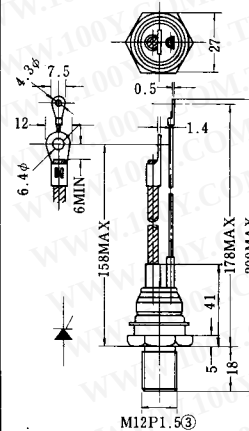
H-9B



- ① アノード
- ② カソード
- ③ ゲート

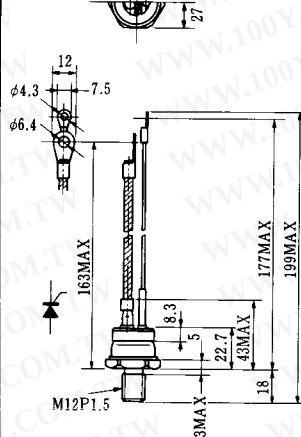


H-10



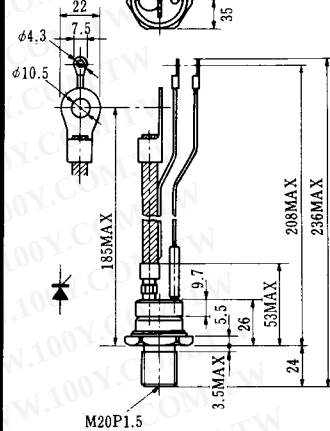
M12P1.5③

H-11



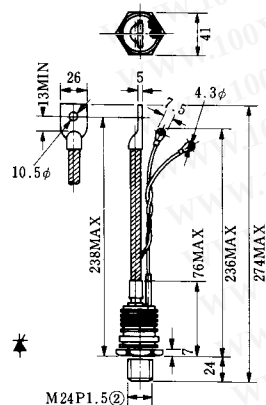
M12P1.5

H-12



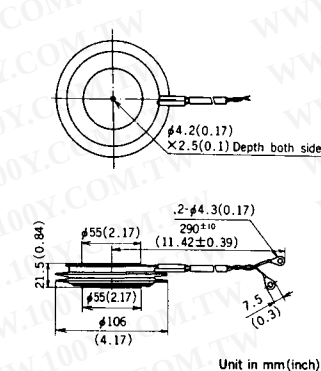
M20P1.5

H-13



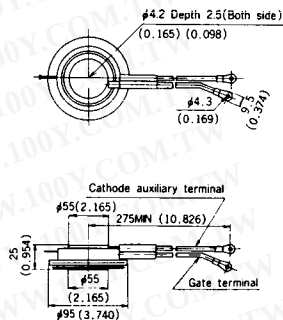
M24P1.5②

H-14



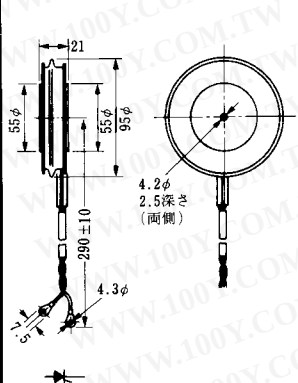
Unit in mm (inch)

H-15

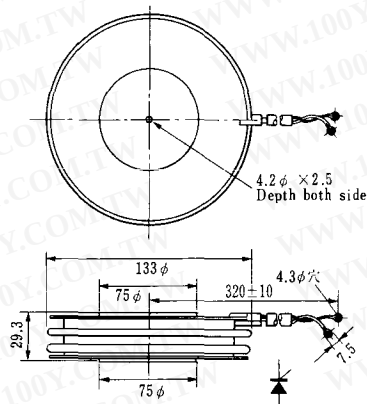


Unit in mm (inch)

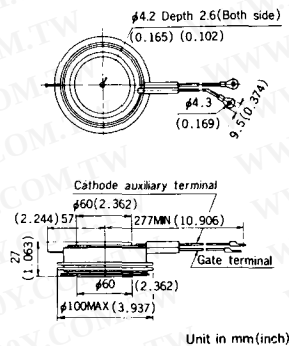
H-16



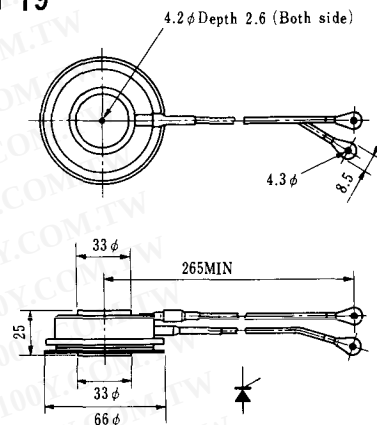
H-17



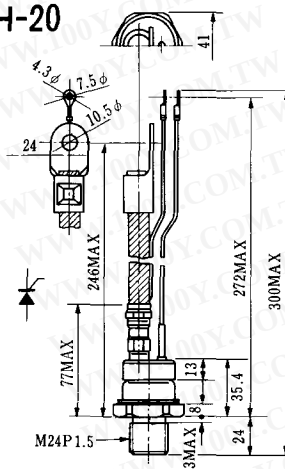
H-18



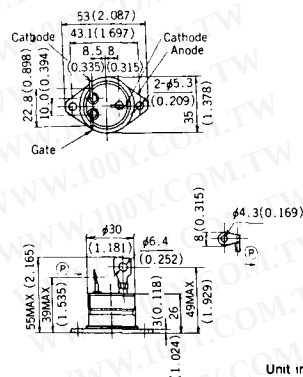
H-19



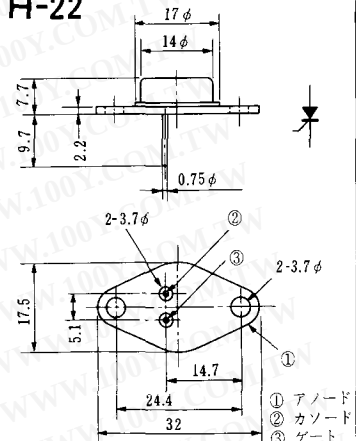
H-20



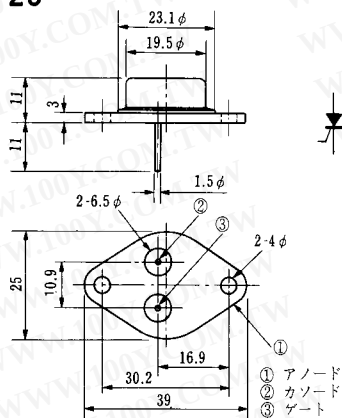
H-21



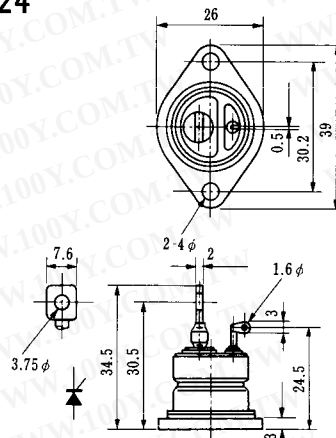
H-22



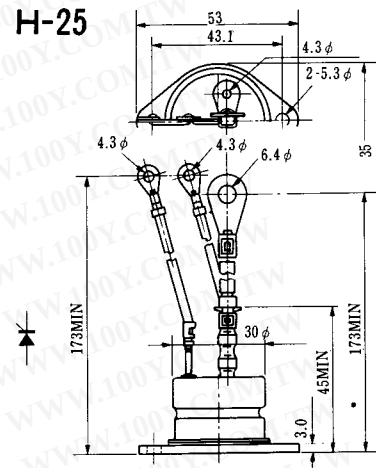
H-23



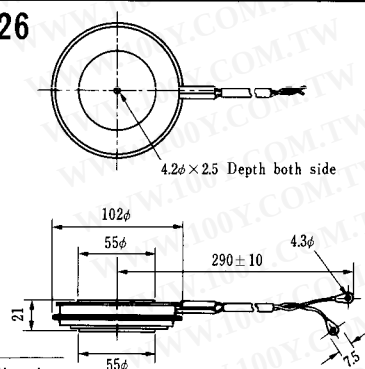
H-24



H-25

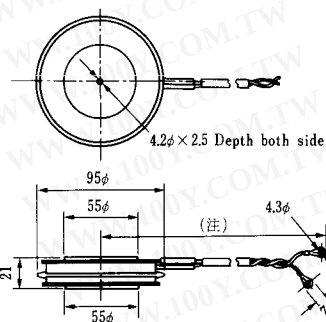


H-26



Type	Direction of polarity
CA12	

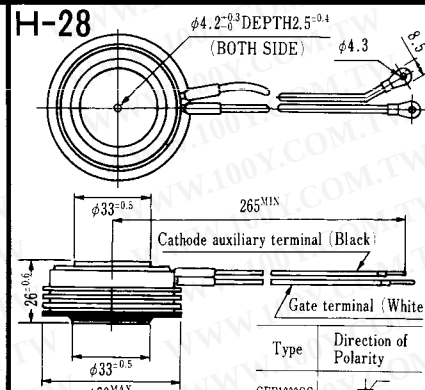
H-27



Type	Direction of polarity
CF11V	

(注) CC11V: 400 ± 10
CF11V: 250 ± 10

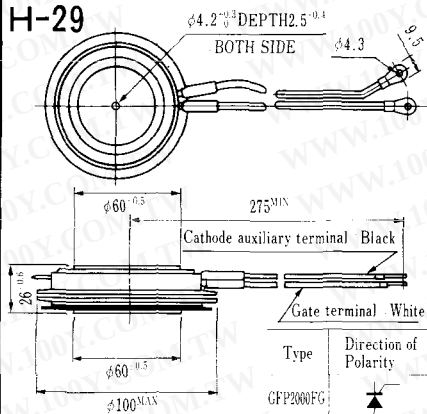
H-28



Weight : 360 (g)

Note : The thickness is a dimension in press at the rated mounting force.

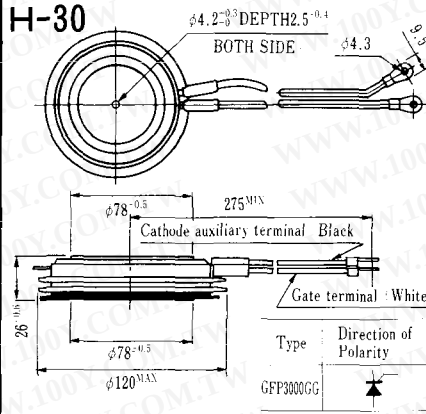
H-29



Note : The thickness is a dimension in press at the rated mounting force.

Weight: 870(g)

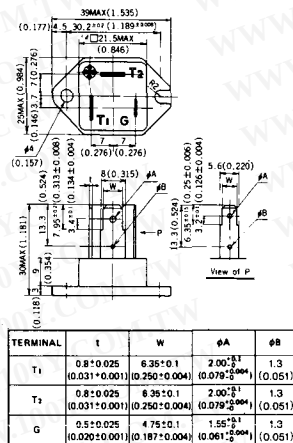
H-30



Note : The thickness is a dimension in press at the rated mounting force.

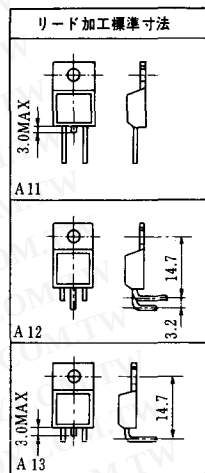
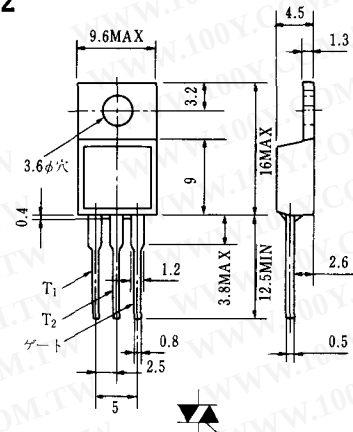
Weight: 1,460(g)

HT-1

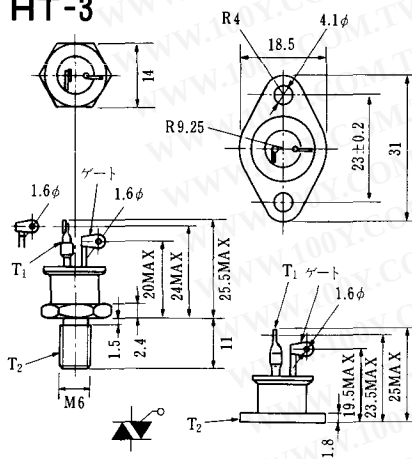


Unit in mm(inch)

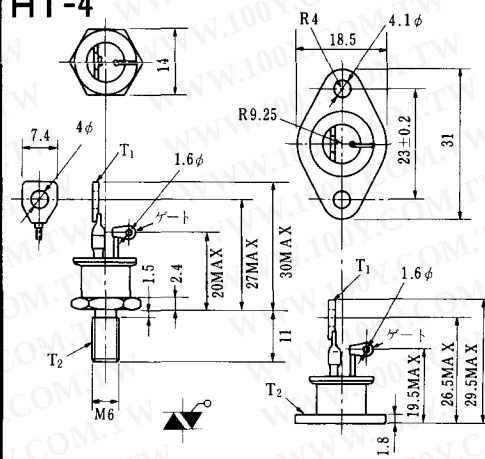
HT-2



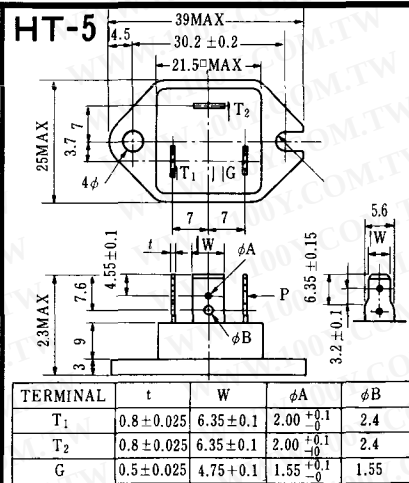
HT-3



HT-4

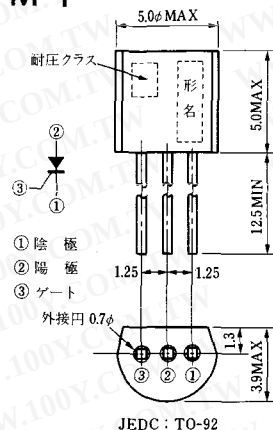


HT-5

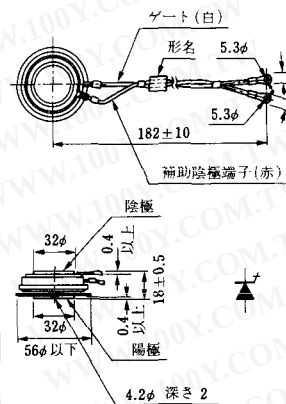


《寸法図単位：mm》

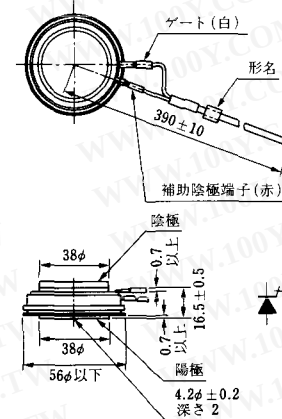
M-1



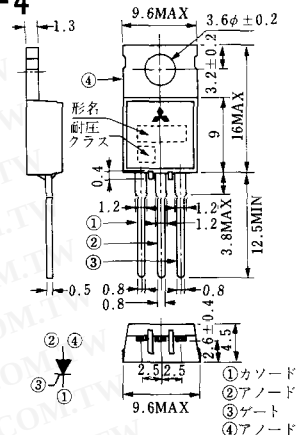
M-2



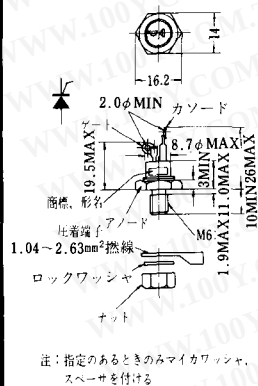
M-3



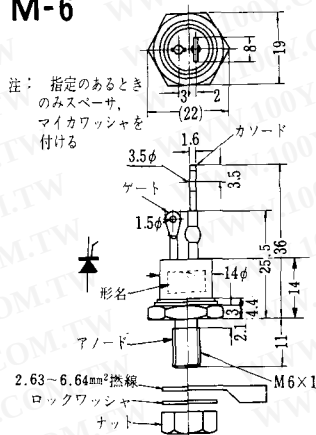
M-4



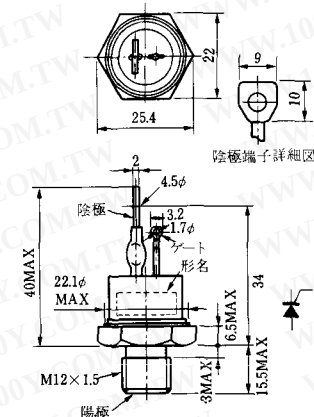
M-5



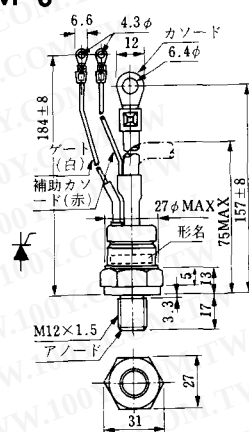
M-6



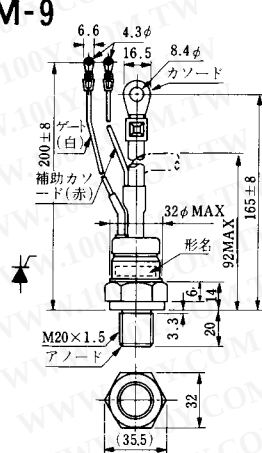
M-7



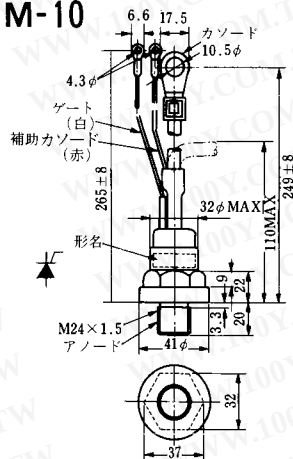
M-8



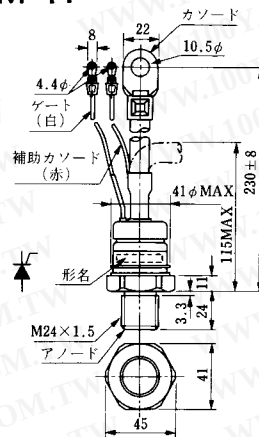
M-9



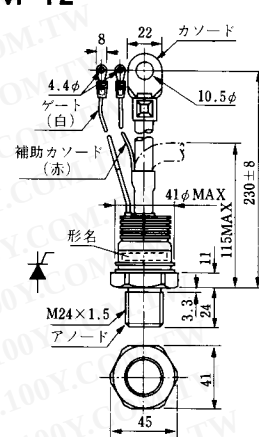
M-10



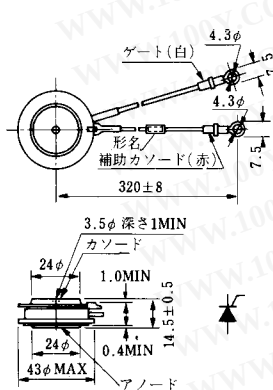
M-11



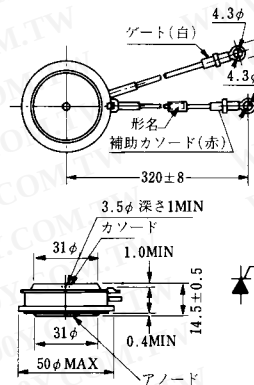
M-12



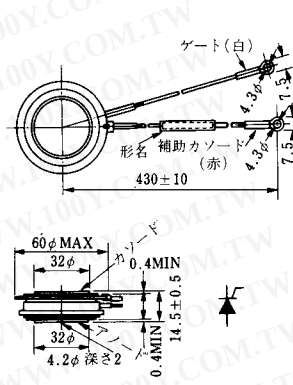
M-13



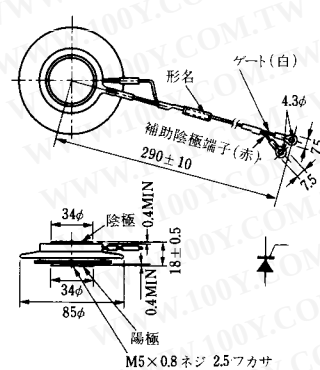
M-14



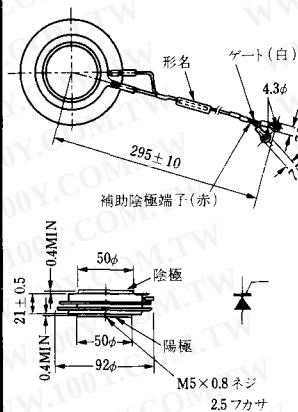
M-15



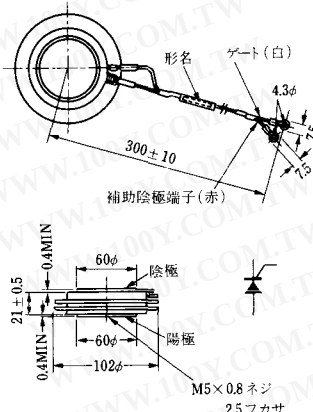
M-16



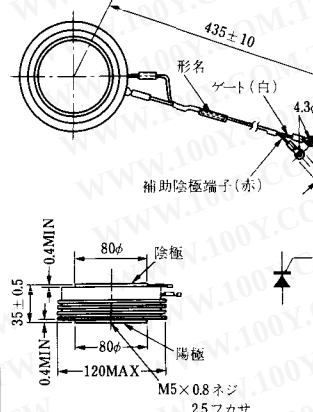
M-17



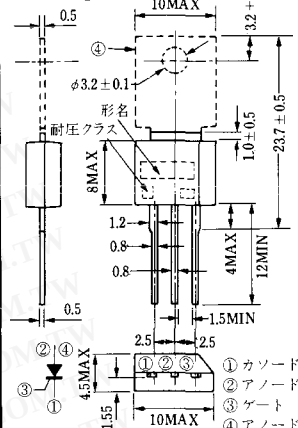
M-18



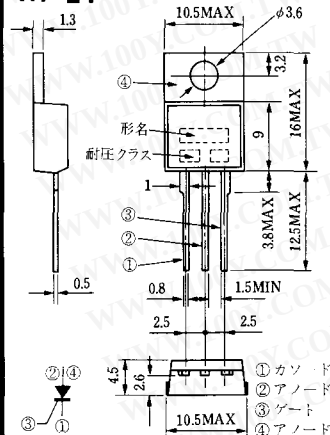
M-19



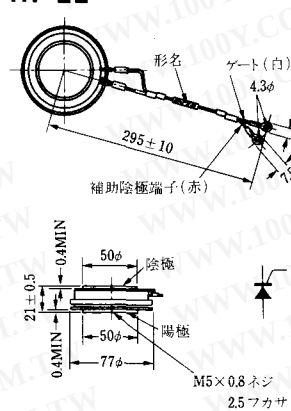
M-20



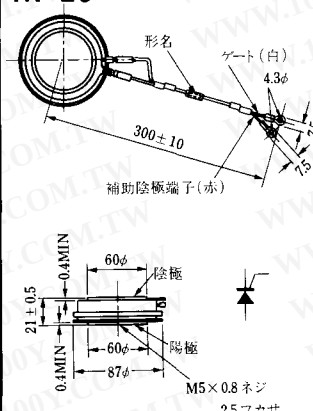
M-21



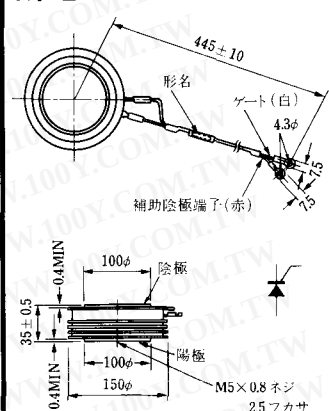
M-22



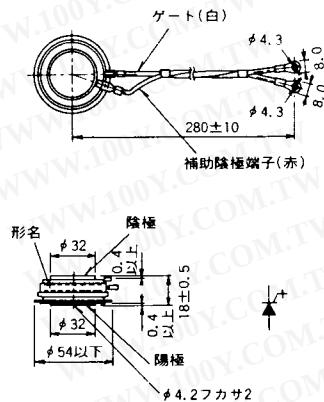
M-23



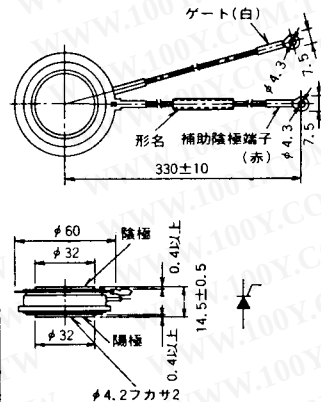
M-24



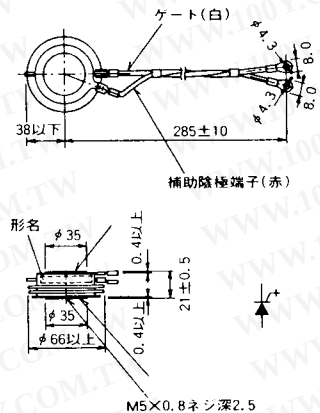
M-25



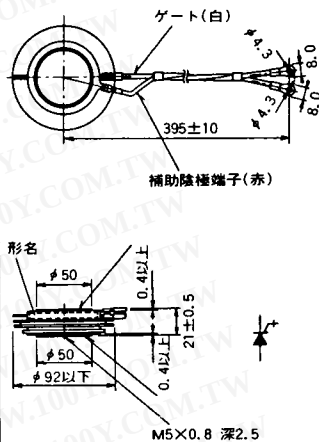
M-26



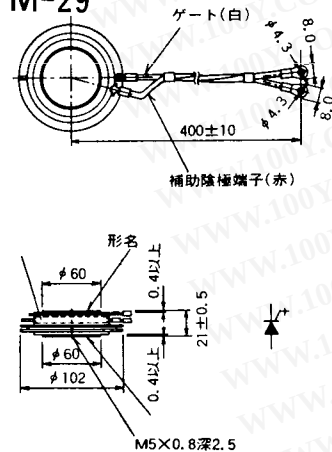
M-27



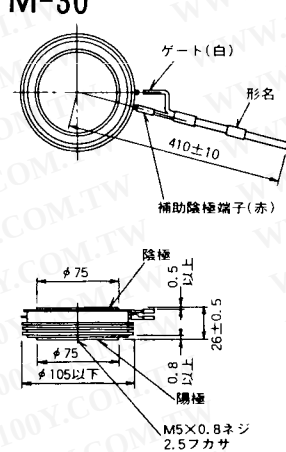
M-28



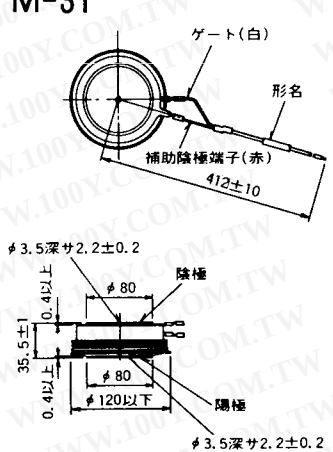
M-29



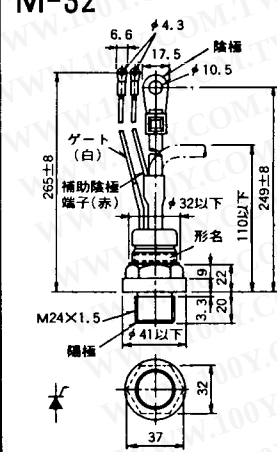
M-30



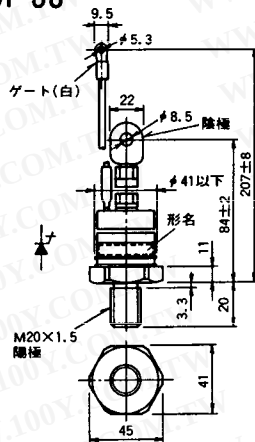
M-31



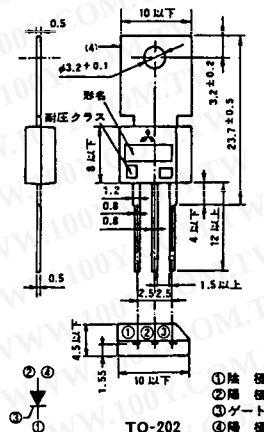
M-32



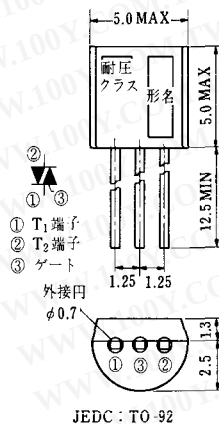
M-33



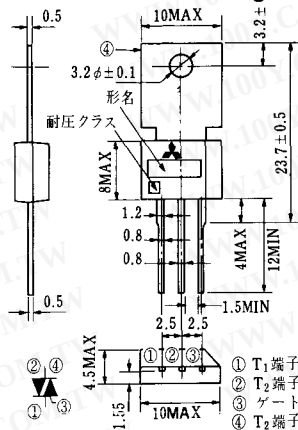
M-34



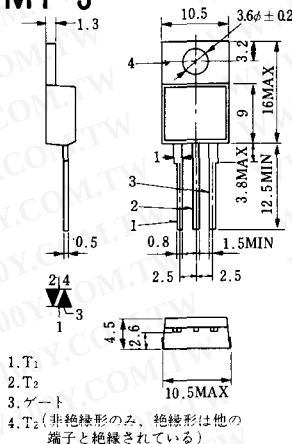
MT-1



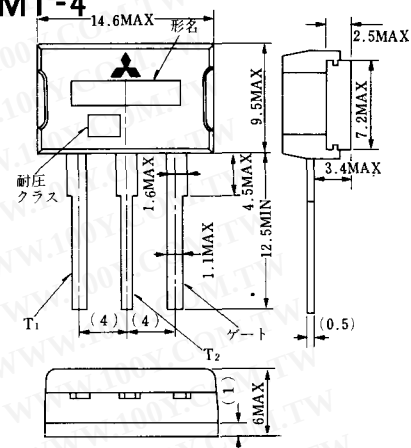
MT-2



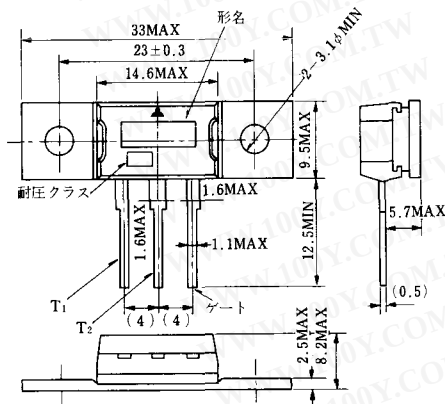
MT-3



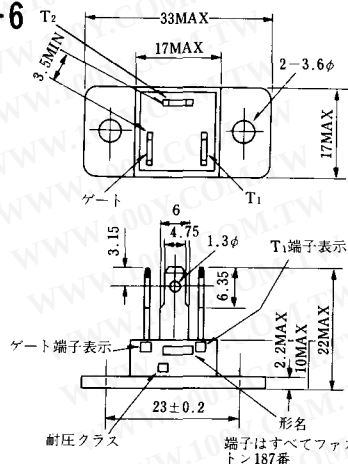
MT-4



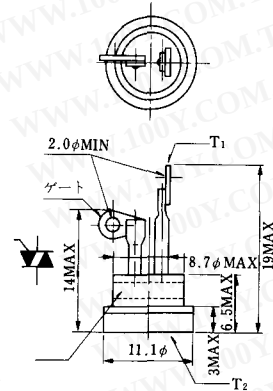
MT-5



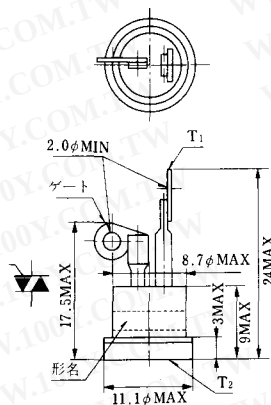
MT-6



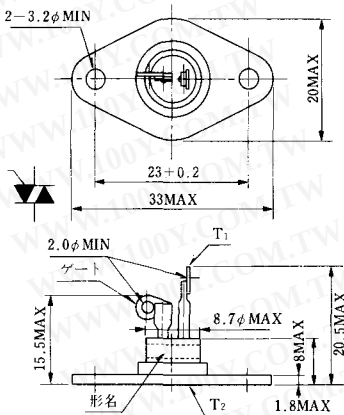
MT-7



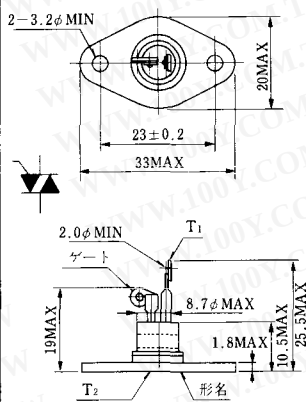
MT-8



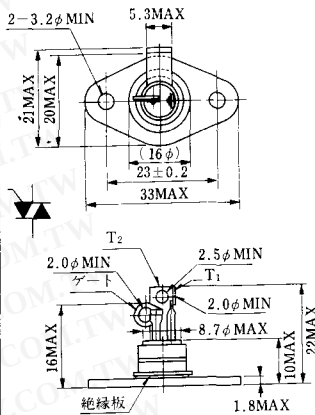
MT-9



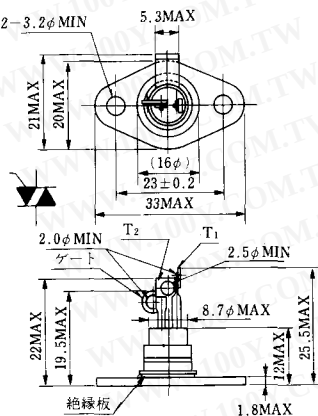
MT-10



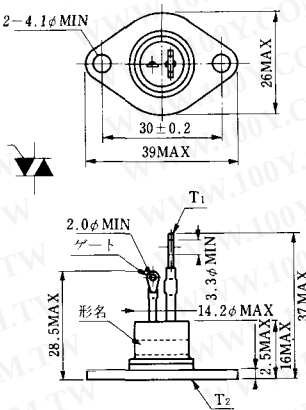
MT-11



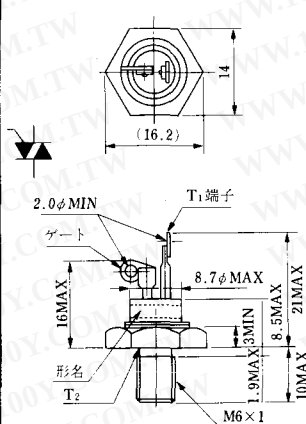
MT-12



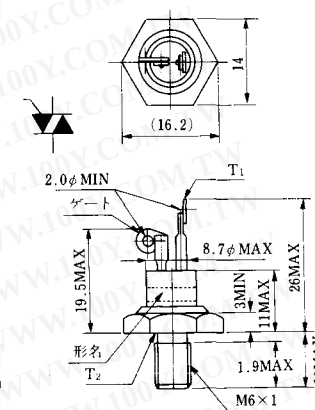
MT-13



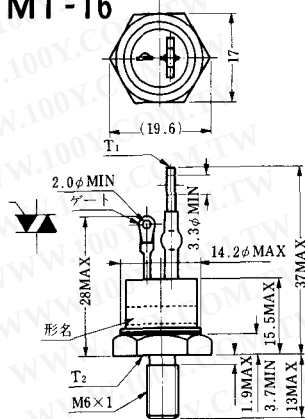
MT-14



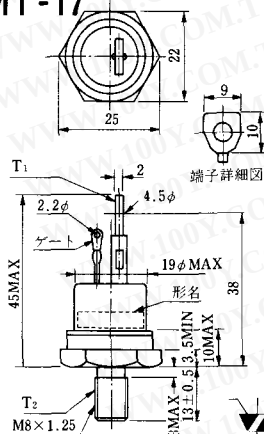
MT-15



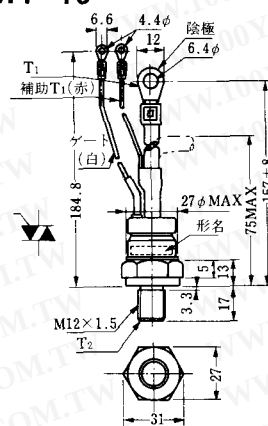
MT-16



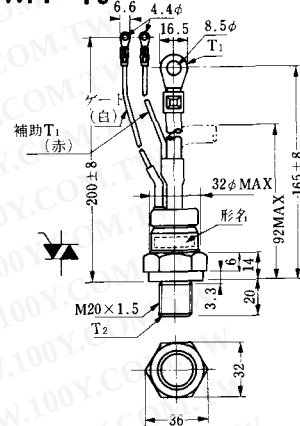
MT-17



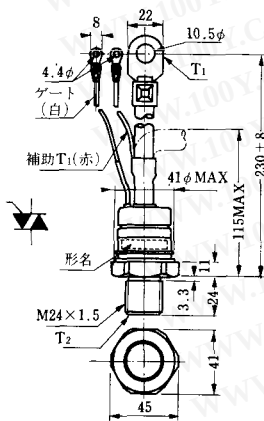
MT-18



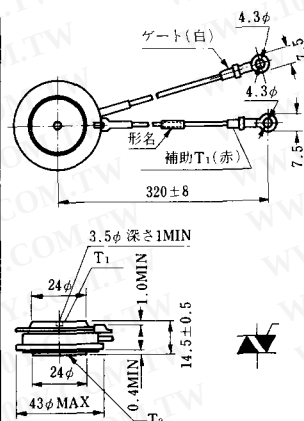
MT-19



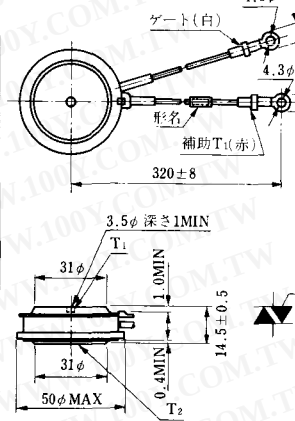
MT-20



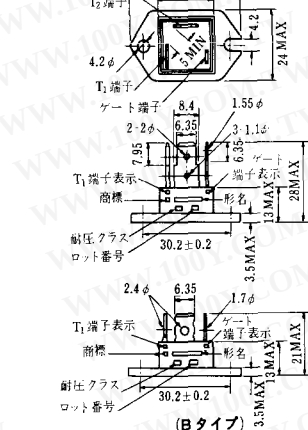
MT-21



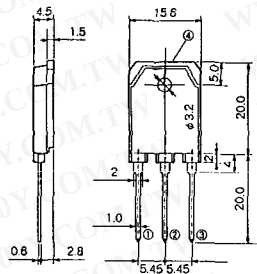
MT-22



MT-23

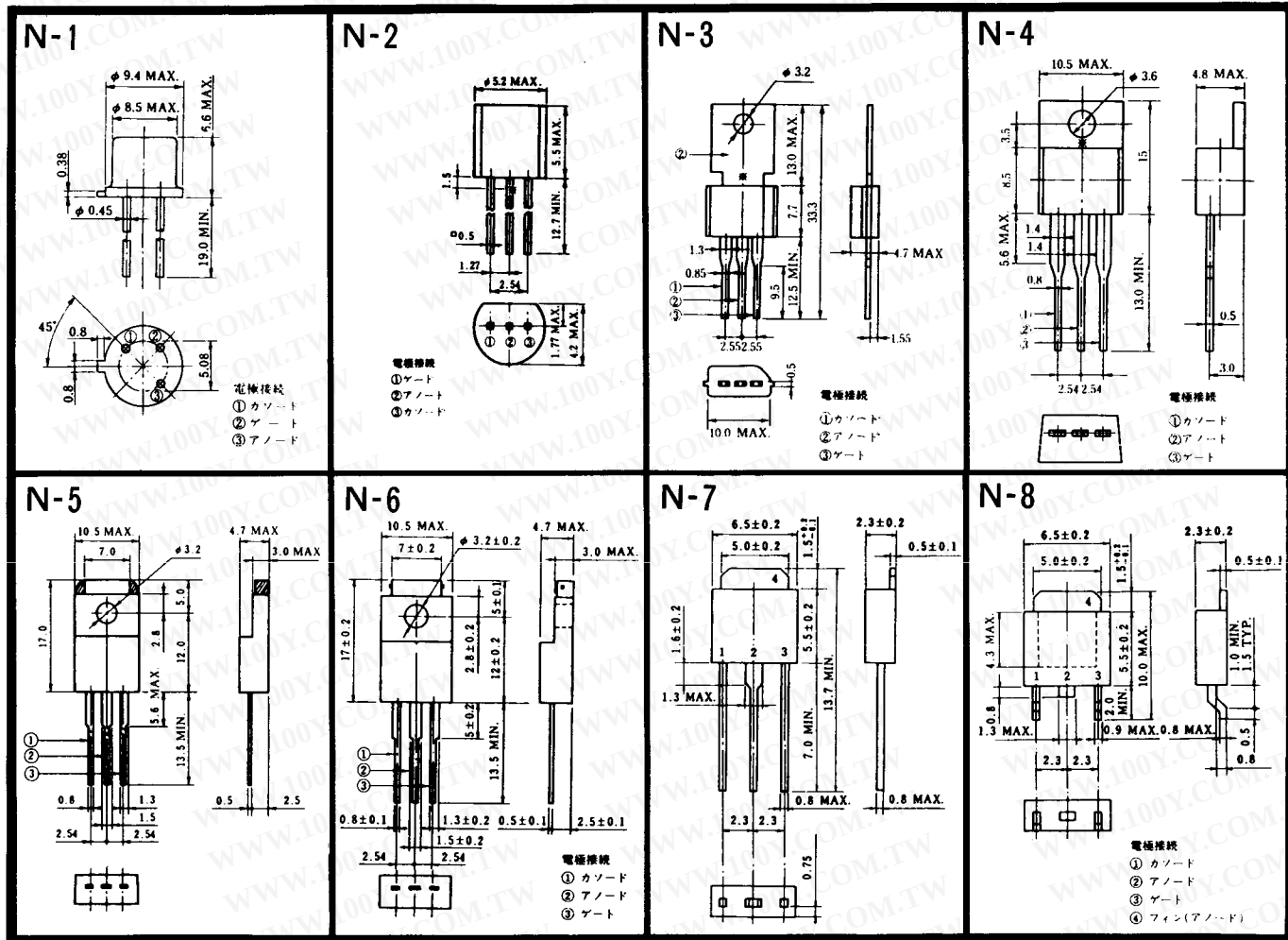


MT-24

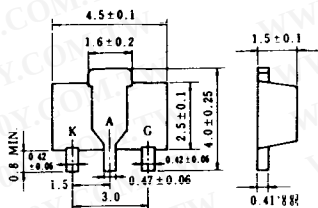


- ① T1 端子
- ② T2 端子
- ③ ゲート端子
- ④ T2 端子

TO-3P



N-9



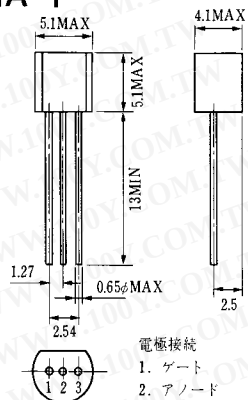
電線挿続

K : カノット

A : アンソート

G : ゲート

NA-1

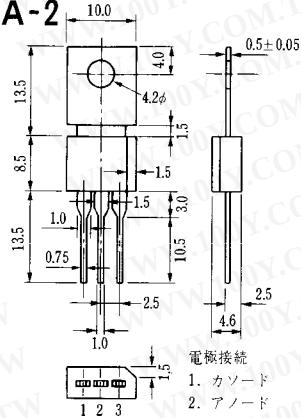


電極接続

1. ゲート
2. アノード
3. カソード

JEDEC: TO-92

NA-2

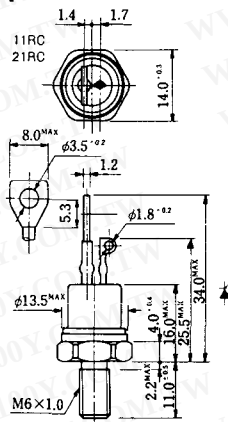


電極接続

1. カソード
2. アノード
3. ゲート

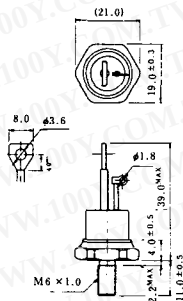
JEDEC: TO-202AA

NI-1



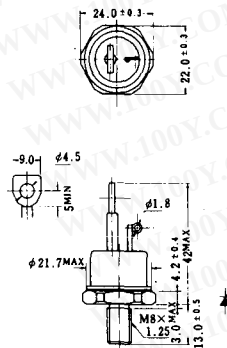
NI-2

29RD



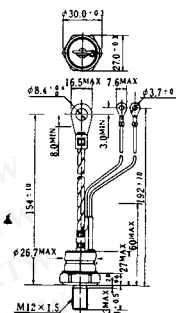
NI-3

39RC
59RC
39RF
59RF



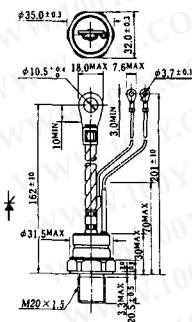
NI-4

68RP, 88RP, 108RP, 68RS,
88RS, 78RT, 88RLD, 88RLE,
88RLF, 88RLG, 88RLH, 108RLE



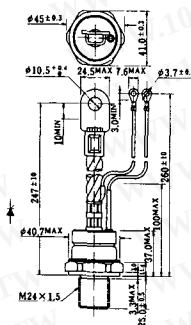
NI-5

158RP, 208RP, 128RS, 178RS,
156RT, 178RLD, 178RLE,
178RLF, 178RLG, 178RLH,
208RLE



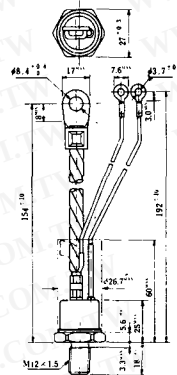
NI-6

308RP, 408RP, 508RP, 278RS,
358RS, 258RT, 258RLD, 258RLG,
258RLH, 308RLE, 308RLF,
358RLE



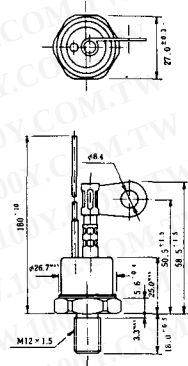
NI-7

89RW_L
129RW_L



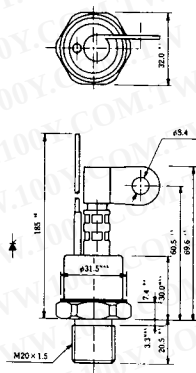
NI-8

89RW
129RW



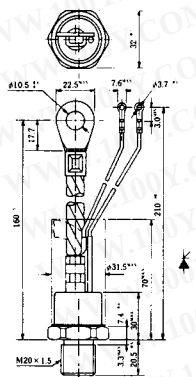
NI-9

259RW
309RW



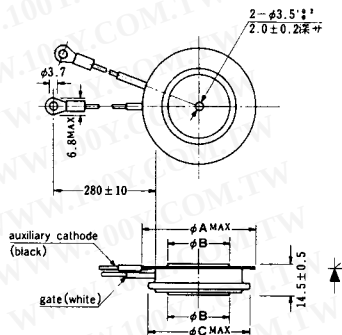
NI-10

259RW_JL
309RW_JL



NI-11

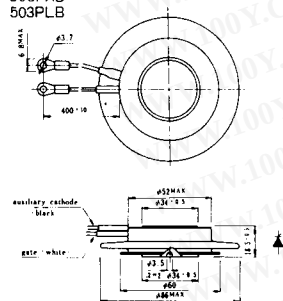
103PA
253PA
503PA
553PA
803PA
103PLE
103PLG
103PLH
203PLG
253PLE
353PLG
403PLE
403PLH



型名	103PA, 103PLE, 103PLG, 103PLH	253PA, 203PLG, 253PLE, 253PLH	503PA, 553PA, 353PLG, 403PLE, 403PLH	803PA
寸法				
A	40	46	55.5	55.5
B	16	22	30	32
C	36	42	50.5	50.5

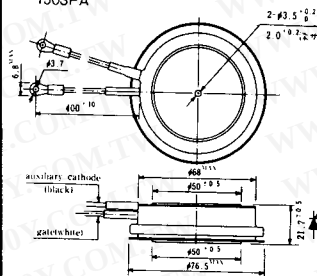
NI-12

403PAB
503PAB
503PLB



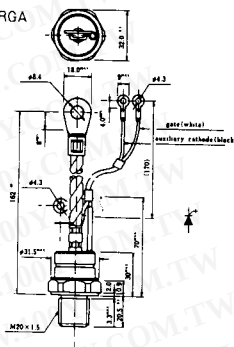
NI-13

1003PA
1003PAB
1003PLF
1003PLH
1503PA



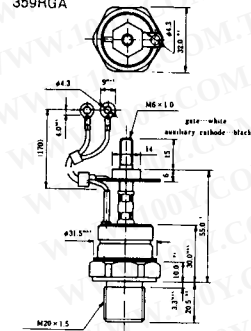
NI-14

358RGA



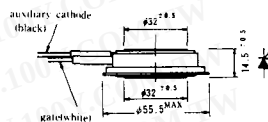
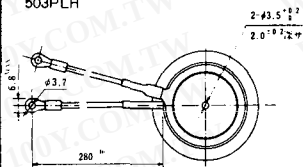
NI-15

359RGA



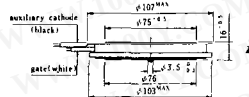
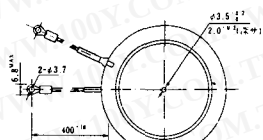
NI-16

503PLF
503PLH



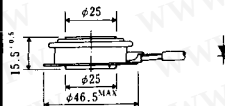
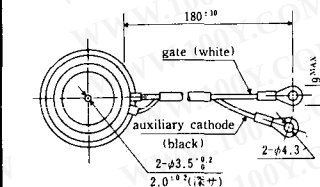
NI-17

3003PA



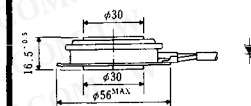
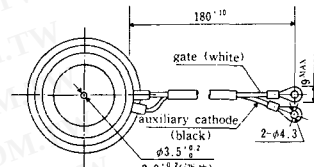
NI-18

353PGA「E



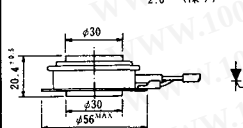
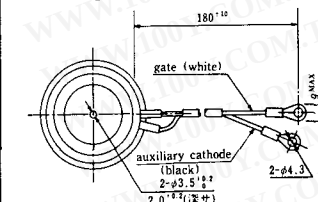
NI-19

603PGA, 603PGA「A, 803PGA



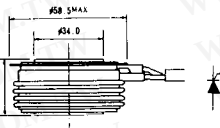
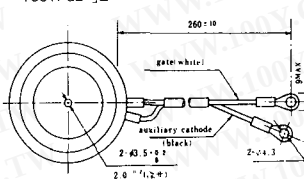
NI-20

603PGA「E



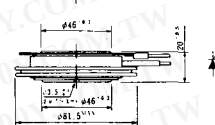
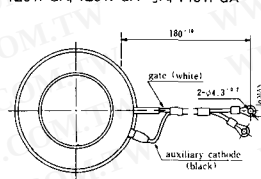
NI-21

1001PGB「E



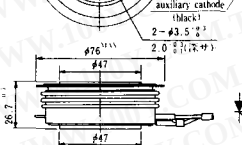
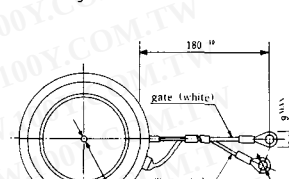
NI-22

1201PGA, 1201PGA「A, 1401PGA



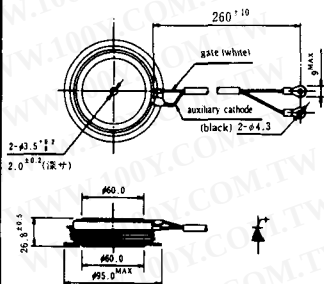
NI-23

1201PGA「E



NI-24

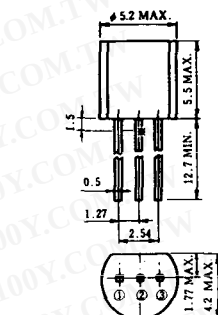
2001PGB^r JE



NI-25

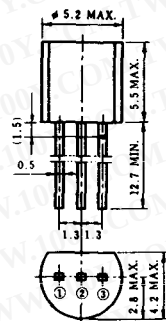
NI-26

NT-1



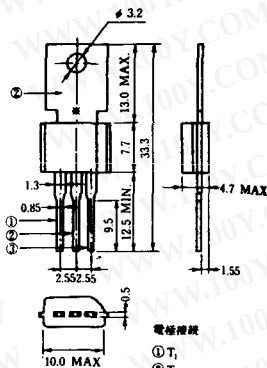
電極接続
① T_1
② ゲート
③ T_2

NT-2



電極接線
① T_1
② ゲート
③ T_2

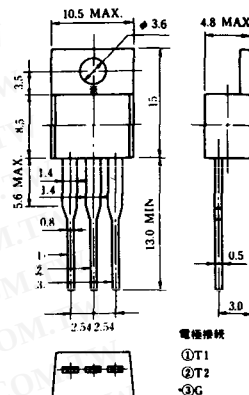
NT-3



電極電位

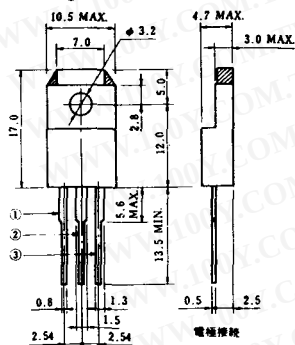
① T_1
② T_2
③ T_3

NT-4



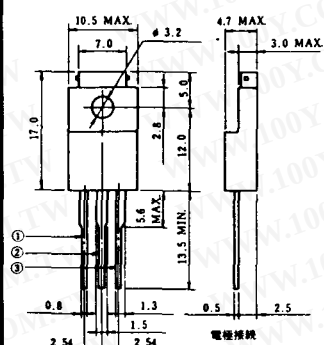
電極接続
①T1
②T2
③C

NT-5



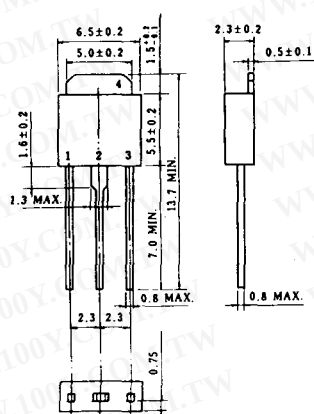
電極接続
トライアック
① T_1
② T_2
③ ゲート
※電圧2 V

NT-6

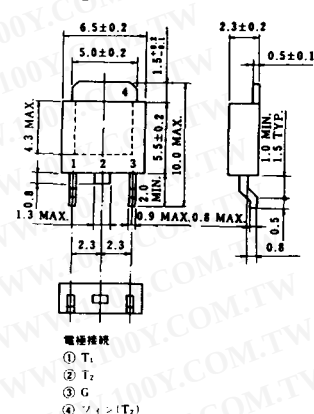


① T_1
② T_2
③ γ -ト

NT-7



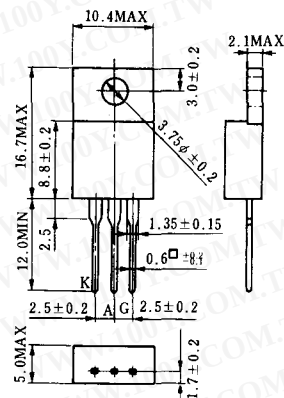
NT-8



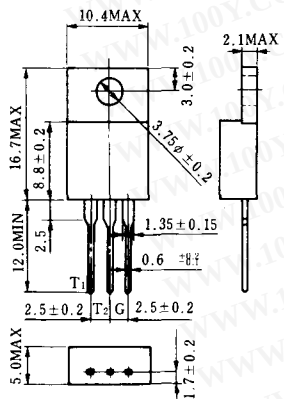
電極接続

- ① T_1
- ② T_2
- ③ G
- ④ ソーシ(T₂)

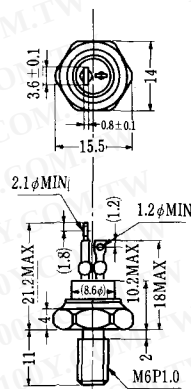
S-1



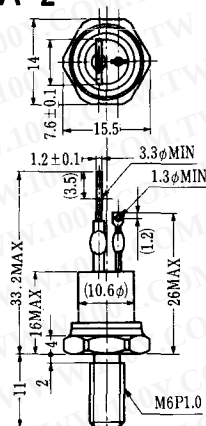
ST-1



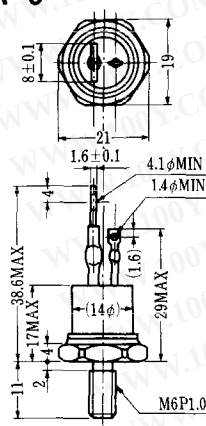
SA-1



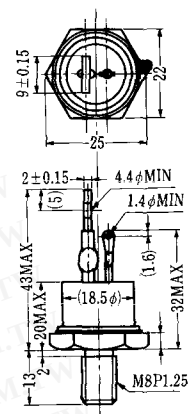
SA-2



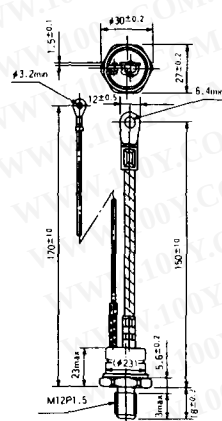
SA-3



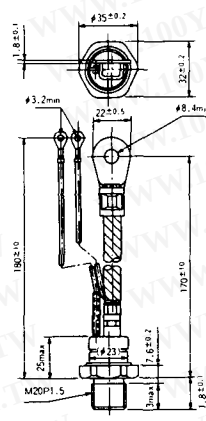
SA-4



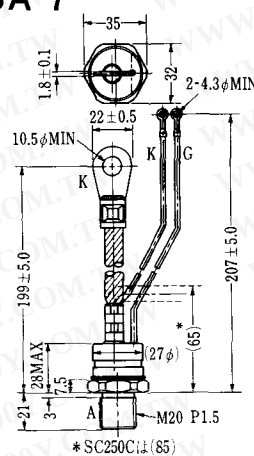
SA-5



SA-6

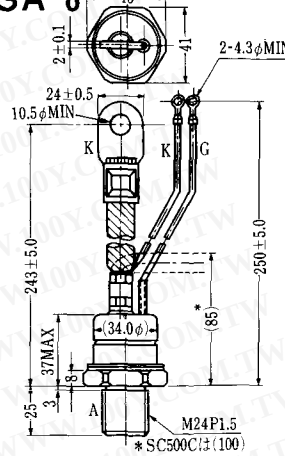


SA-7



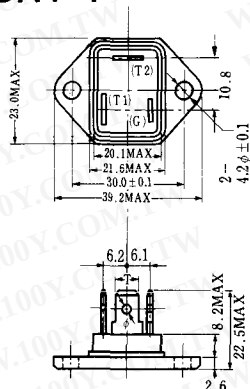
* SC250C (1/85)

SA-8



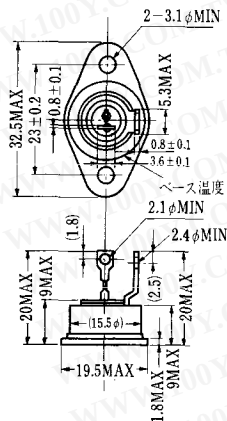
* SC500C (1/100)

SAT-1

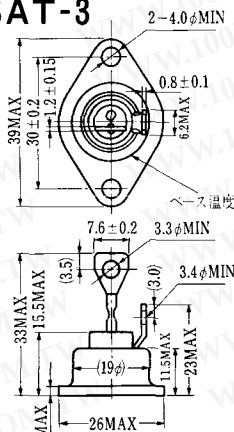


T1端子:ファストン250(T=6.35,t=0.8,φ=1.65)
T2端子:ファストン250(T=6.35,t=0.8,φ=1.65)
G端子:ファストン187(T=4.75,t=0.5,φ=1.3)

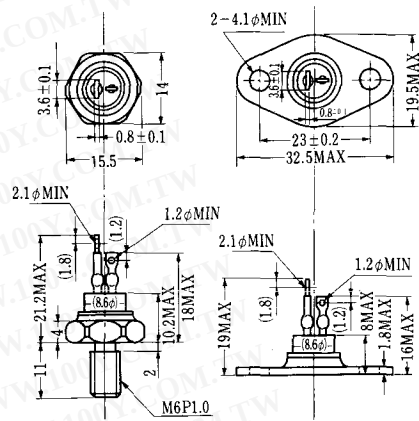
SAT-2



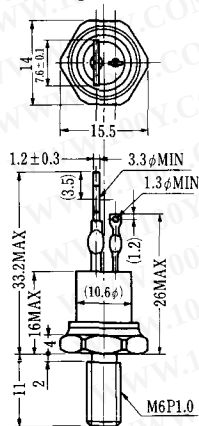
SAT-3



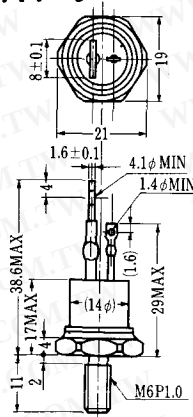
SAT-4



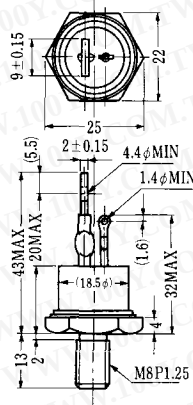
SAT-5



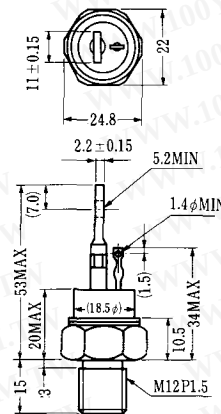
SAT-6



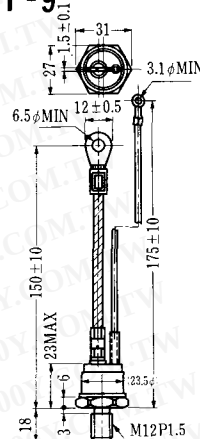
SAT-7



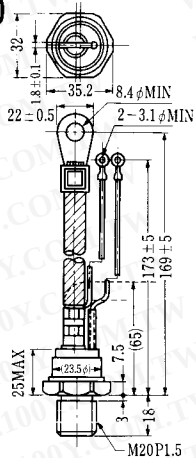
SAT-8



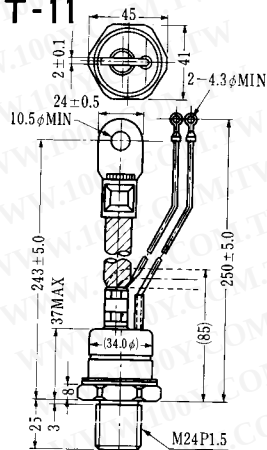
SAT-9



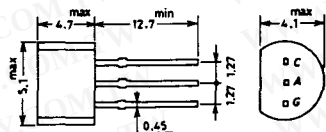
SAT-10



SAT-11

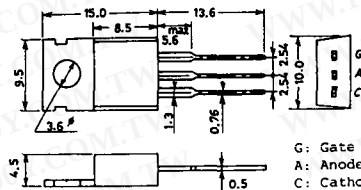


SY-1(1096A)



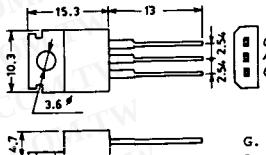
C: Cathode
A: Anode
G: Gate

SY-2(1151)



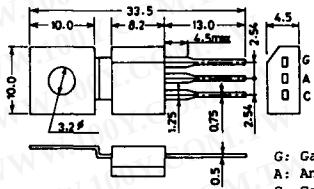
G: Gate
A: Anode
C: Cathode

SY-3(1104)



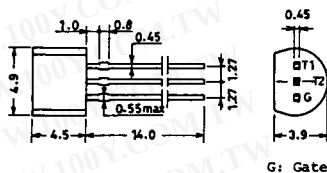
G: Gate
A: Anode
C: Cathode

SY-4(1150)



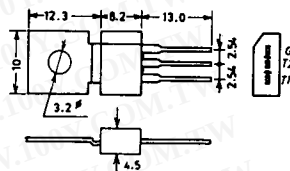
G: Gate
A: Anode
C: Cathode

1097A

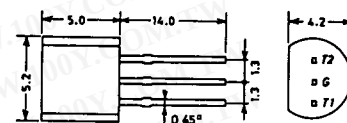


G: Gate

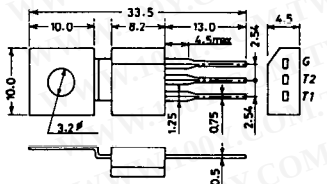
1102



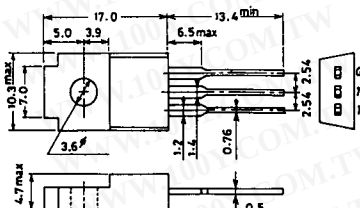
1141



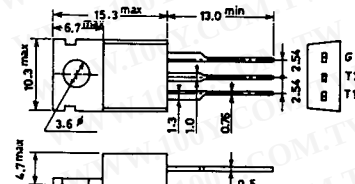
1142



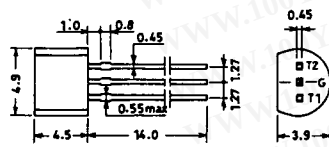
1144



1155

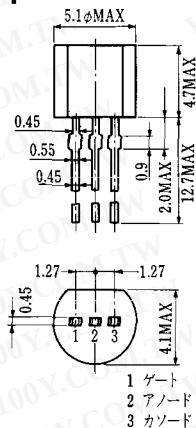


1192A

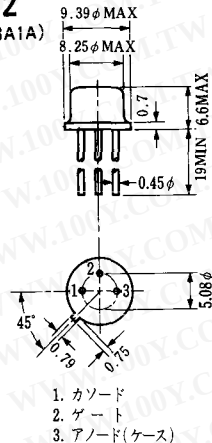


G: Gate

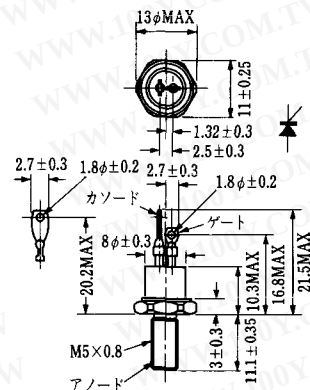
T-1 (13-5A1A)



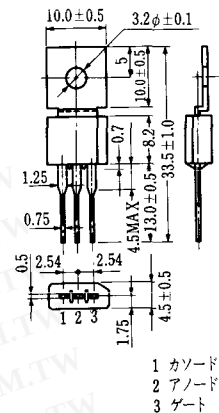
T-2 (13-8A1A)



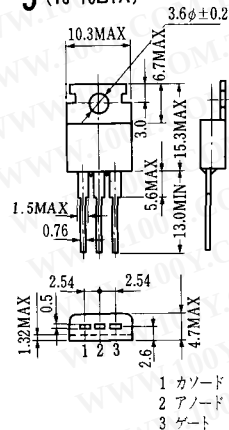
T-3 (13-8C1A)



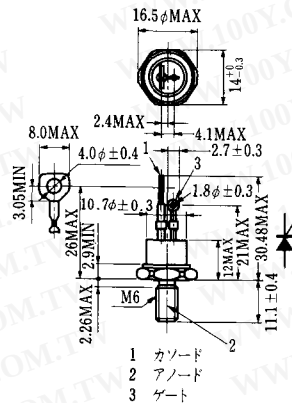
T-4 (13-10A1A)



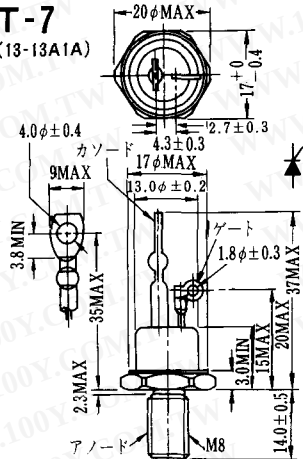
T-5 (13-10B1A)



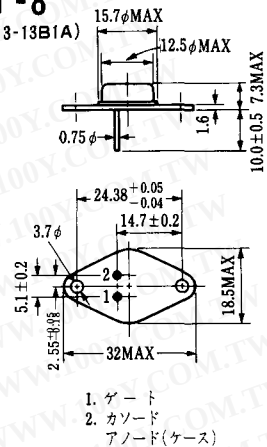
T-6 (13-11D1A)



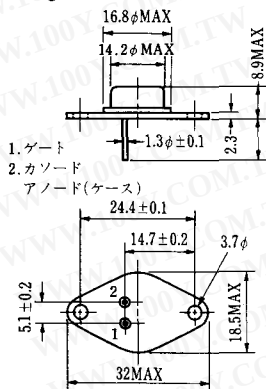
T-7 (13-13A1A)



T-8 (13-13B1A)

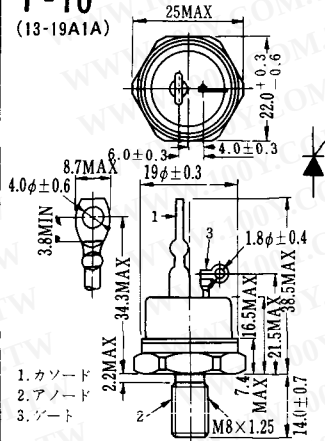


T-9 (13-14A1A)



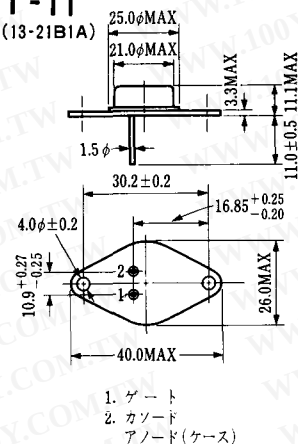
1. ゲート
2. カソード
アノード(ケース)

T-10 (13-19A1A)



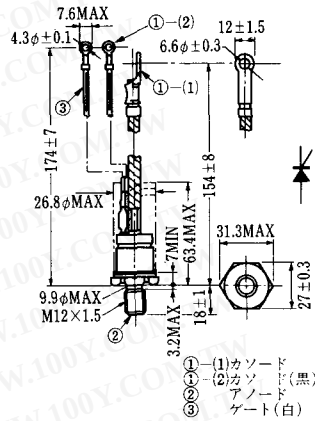
1. カソード
2. アノード
3. ゲート

T-11 (13-21B1A)



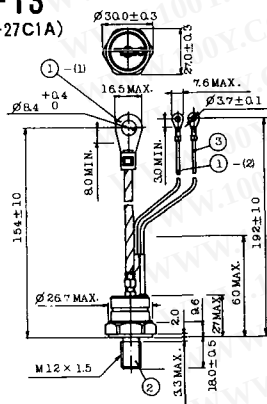
1. ゲート
2. カソード
アノード(ケース)

T-12 (13-27B1B)



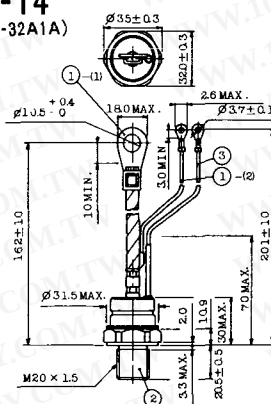
- ①-① カソード
①-② カソード(黒)
② アノード
③ ゲート(白)

T-13 (13-27C1A)



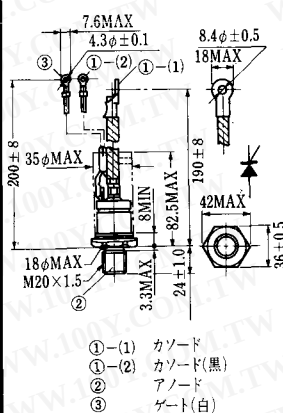
- 1-① カソード
1-② カソード(黒)
2. アノード
3. ゲート(白)

T-14 (13-32A1A)



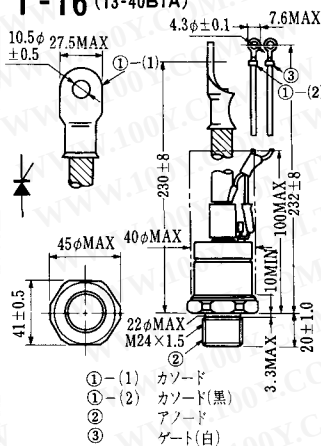
- 1-① カソード
1-② カソード(黒)
2. アノード
3. ゲート(白)

T-15 (13-35C1B)



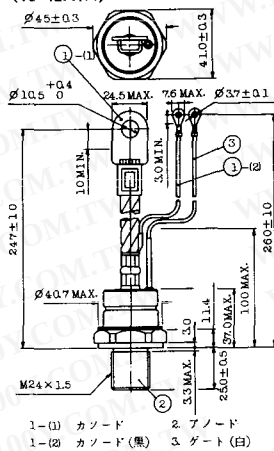
- ①-① カソード
①-② カソード(黒)
② アノード
③ ゲート(白)

T-16 (13-40B1A)

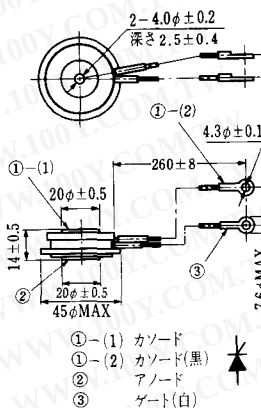


- ①-① カソード
①-② カソード(黒)
② アノード
③ ゲート(白)

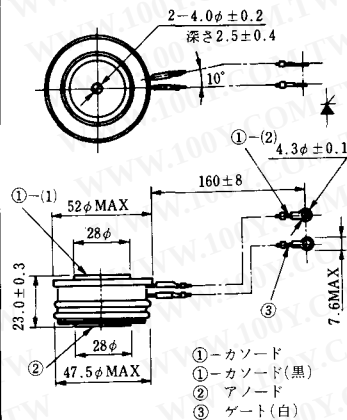
T-17 (13-42A1A)



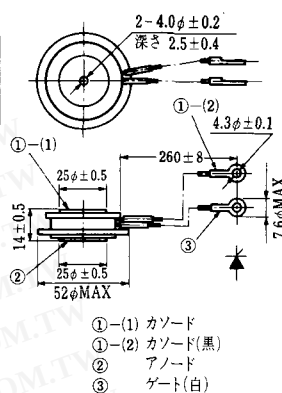
T-18 (13-45D1A)



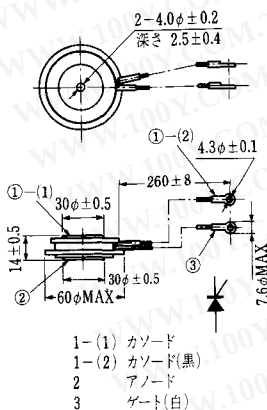
T-19 (13-52B1A)



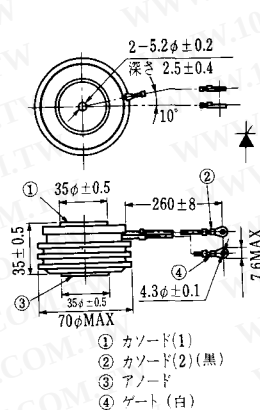
T-20 (13-52C1A)



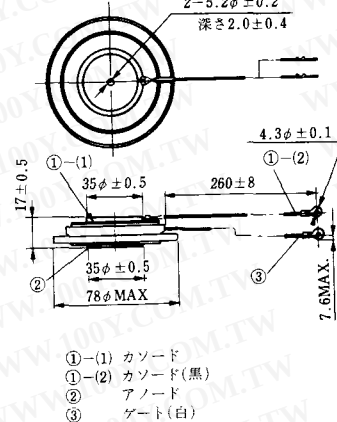
T-21 (13-60A1A)



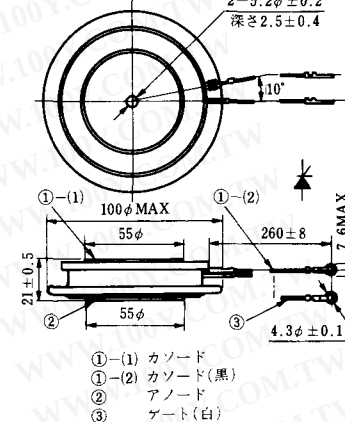
T-22 (13-70C1A)



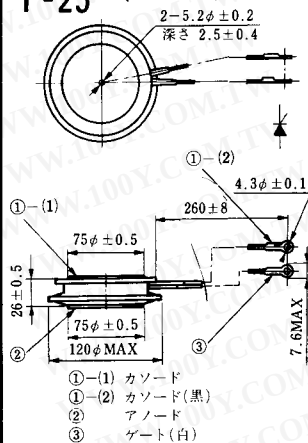
T-23 (13-78A1A)



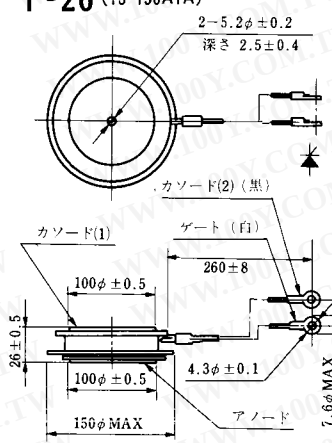
T-24 (13-100C1A)



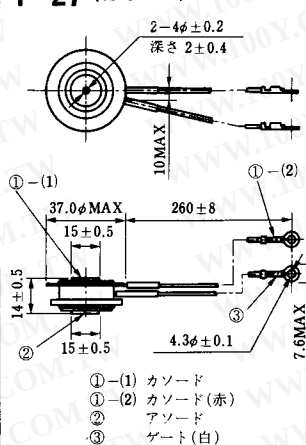
T-25 (13-120A2A)



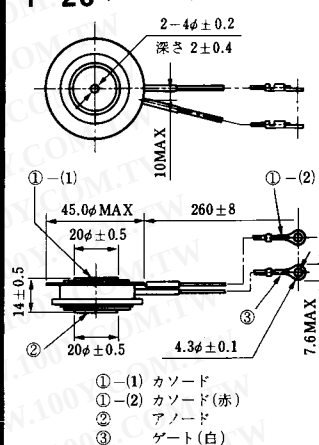
T-26 (13-150A1A)



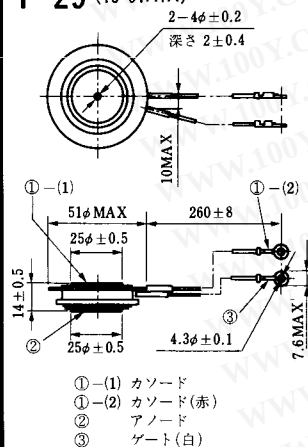
T-27 (13-37A1A)



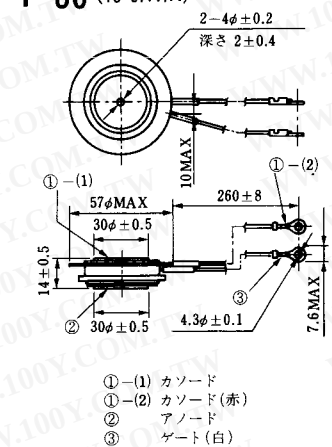
T-28 (13-45E1A)



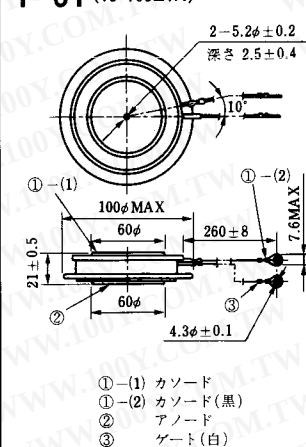
T-29 (13-51A1A)



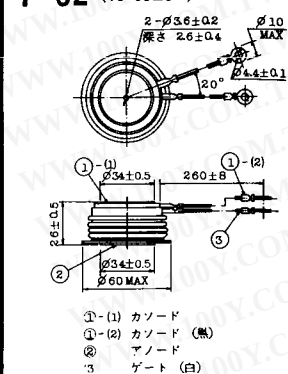
T-30 (13-57A1A)



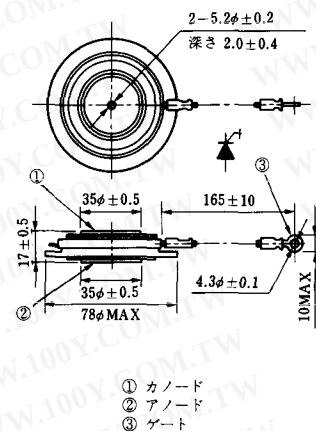
T-31 (13-100E1A)



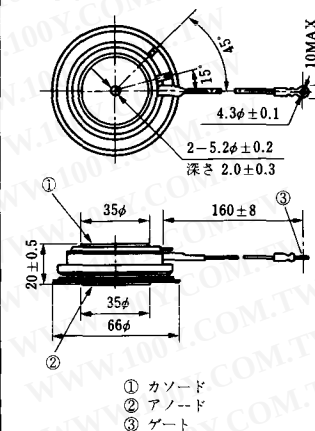
T-32 (13-60E3A)



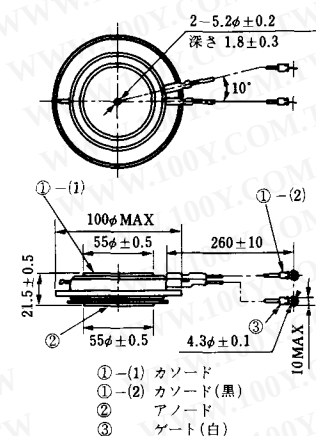
T-33 (13-78B1A)



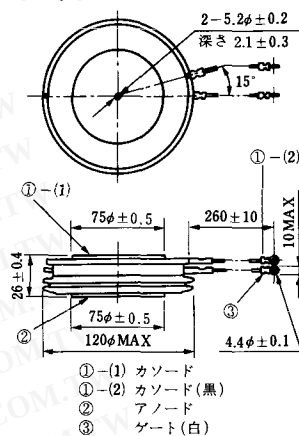
T-34 (13-66A1A)



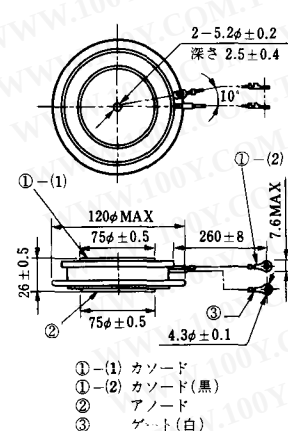
T-35 (13-100D1A)



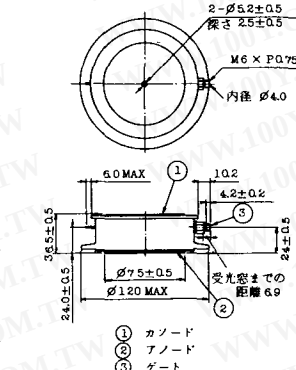
T-36 (13-120E1A)



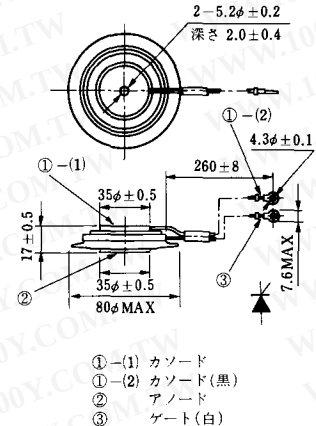
T-37 (13-120A1A)



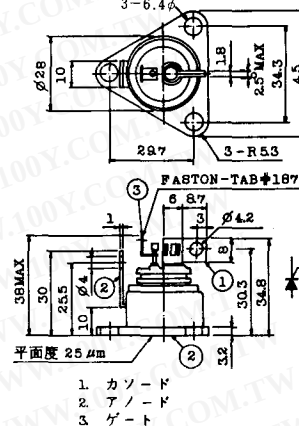
T-38 (13-120C1A)

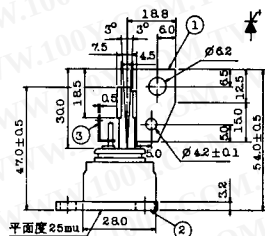


T-39 (13-80B1A)



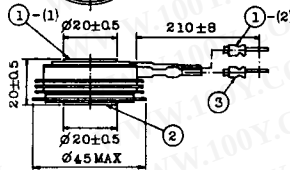
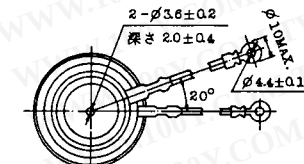
T-40 (13-28A1A)





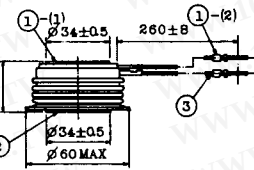
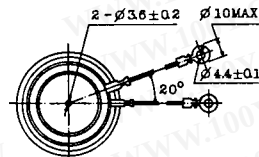
1. カソード
2. アノード
3. ゲート

T-42 (13-45F1A)



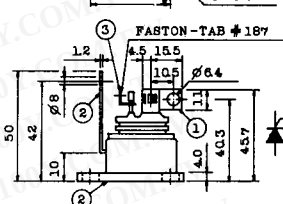
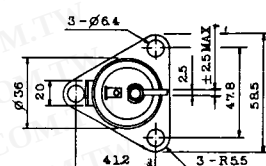
- ①-(1) カソード
①-(2) カソード(黒)
② アノード
③ ゲート(白)

T-43 (13-60E2A)



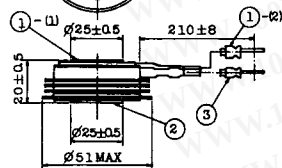
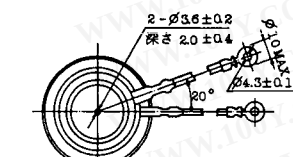
- ①-(1) カソード
①-(2) カソード (黒)
② アノード
③ ゲート (白)

T-44 (13-36A1A)



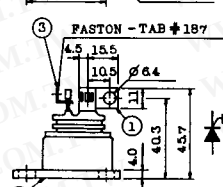
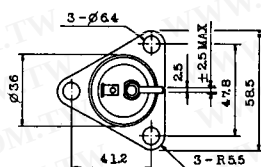
1. カソード
2. アノード
3. ゲート

T-45 (13-51B1A)



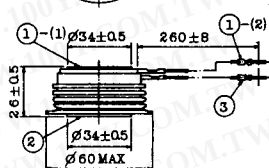
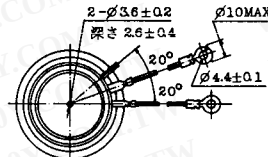
- ①-① カソード
①-② カソード (黒)
② アノード
③ ゲート (白)

T-46 (13-36B1A)



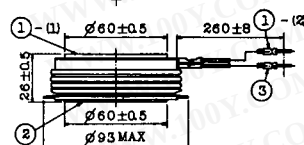
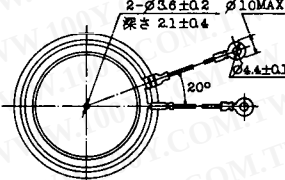
1. カソード
2. アノード
3. ゲート

T-47 (13-60E1A)



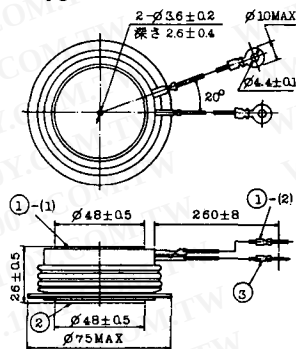
- ①-(1) カソード
①-(2) カソード (黒)
② アノード
③ ゲート (白)

T-48 (13-93C1A)



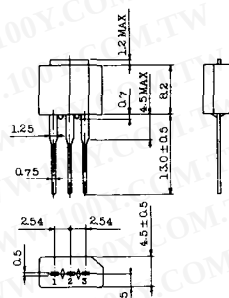
- ① - ① カソード
① - ② カソード (黒色)
② アノード
③ ゲート (白色)

T-49 (13-75A1A)



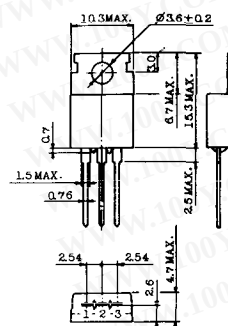
- 1 ①-(1) カソード
- 1 ①-(2) カソード (黒)
- 2 アノード
- 3 ゲート (白)

T-50 (13-10A3A)



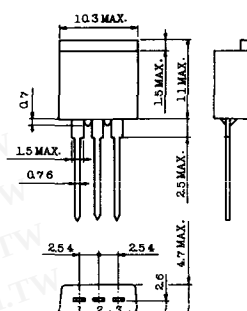
- 1 カソード
- 2 アノード
- 3 ゲート

T-51 (13-10D1A)



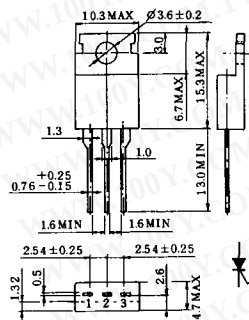
- 1 カソード
- 2 アノード
- 3 ゲート

T-52 (13-10D2A)



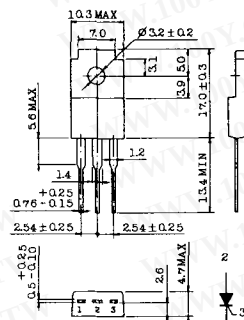
- 1 カソード
- 2 アノード
- 3 ゲート

T-53 (13-10E1B)



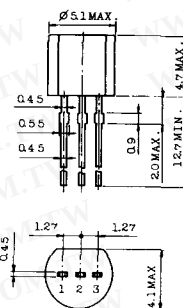
- 1 カソード
- 2 アノード
- 3 ゲート

T-54 (13-10F1B)



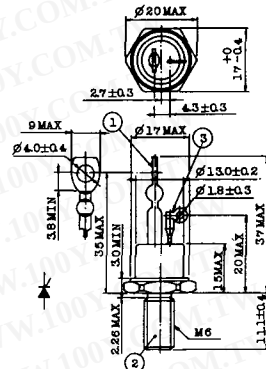
- 1 カソード
- 2 アノード
- 3 ゲート

T-55 (13-5A1D)



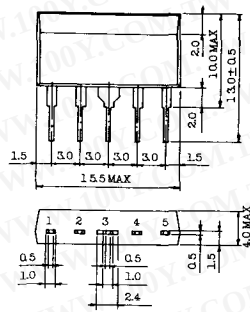
- 1 カソード
- 2 ゲート
- 3 アノード

T-56 (13-13C1A)



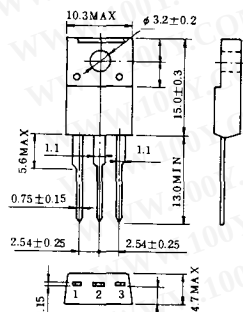
- 1 カソード
- 2 アノード
- 3 ゲート

T-57 (12-16C1A)



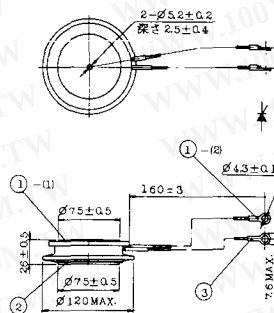
1. アノード (主)
2. ゲート (主)
3. カソード (共通)
4. ゲート (補助)
5. アノード (補助)

T-58 (13-10H1B)



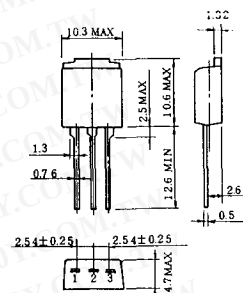
1. カソード
2. アノード
3. ゲート

T-59 (13-120A1A)



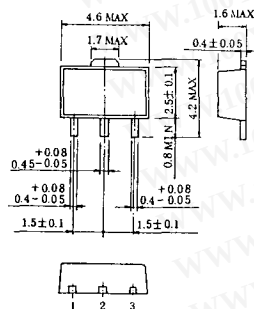
- 1-(1) カソード
1-(2) カソード(黒)
2. アノード
3. ゲート(白)

T-60



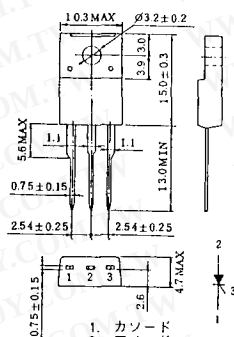
1. カソート
2. アノート
3. ゲート

T-61 (13-5B1A)



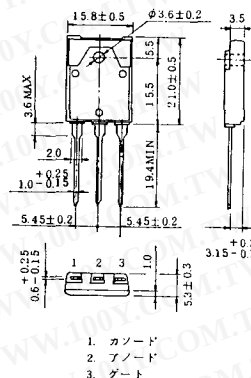
1. ゲート
2. アノード
3. カソード

T-62 (13-10H1A)



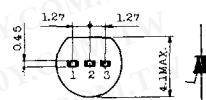
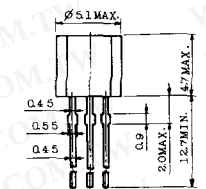
1. カソー ド
2. アノー ド
3. ゲート

T-63 (13-16A1B)



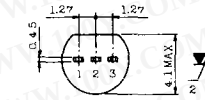
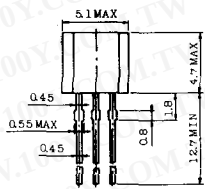
1. カソード
2. アノード
3. ゲート

TT-1



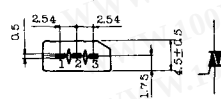
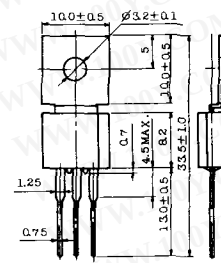
1. ゲート
2. T₁
3. T₁

TT-2



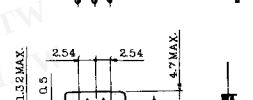
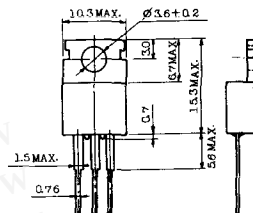
1. T₁
2. ゲート
3. T₂

TT-3



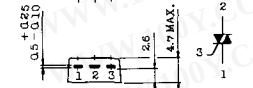
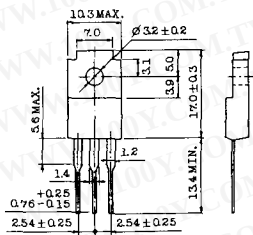
1. T₁
2. T₂
3. ゲート

TT-4



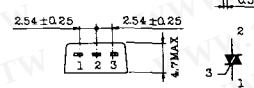
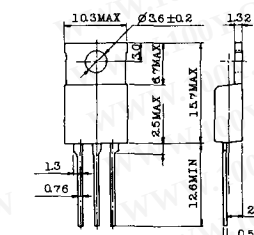
1. T₁
2. T₂
3. ゲート

TT-5



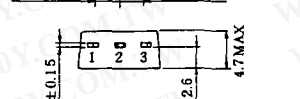
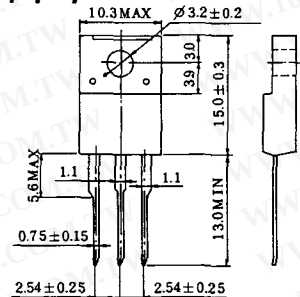
1. T₁
2. T₂
3. ゲート

TT-6



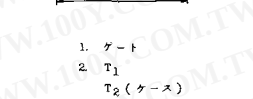
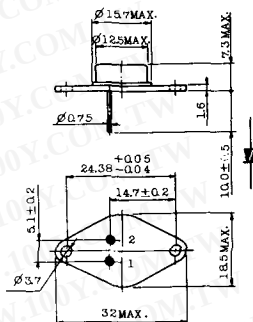
1. T₁
2. T₂ (放熱板)
3. ゲート

TT-7



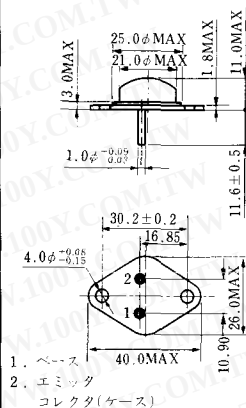
1. T₁
2. T₂
3. ゲート

TT-8

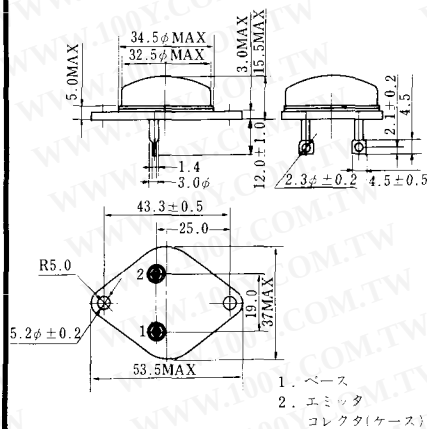


1. ゲート
2. T₁
- T₂ (ケース)

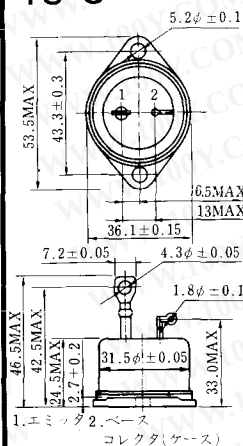
TS-1



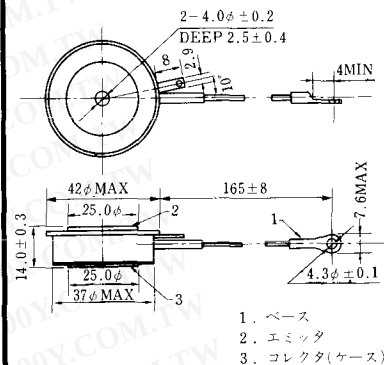
TS-2



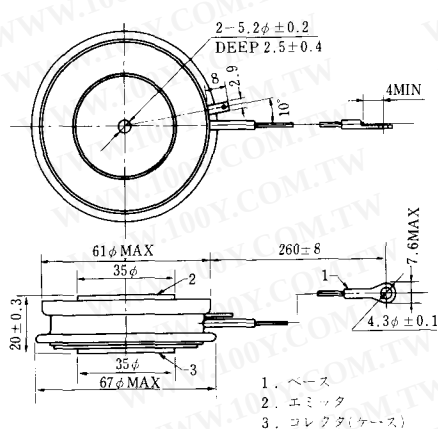
TS-3



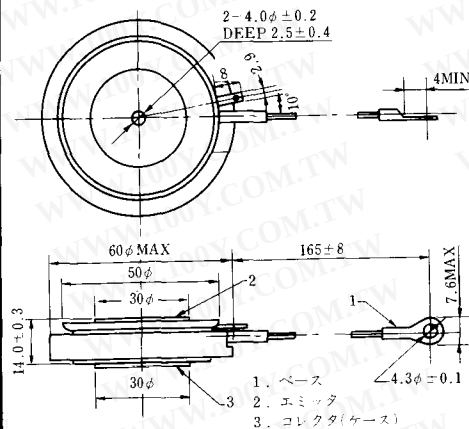
TS-4



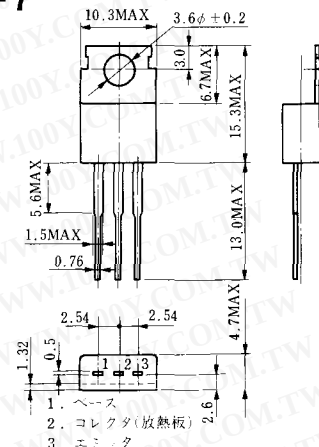
TS-5



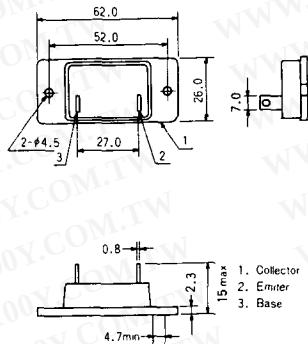
TS-6



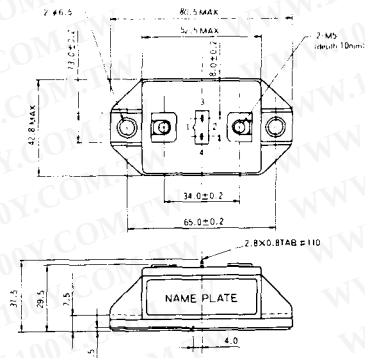
TS-7



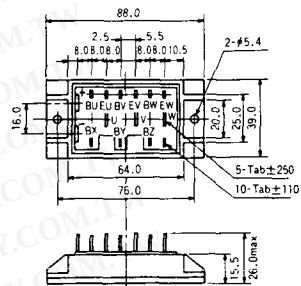
S-62A1A



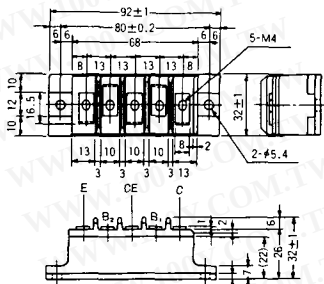
S-80A1A



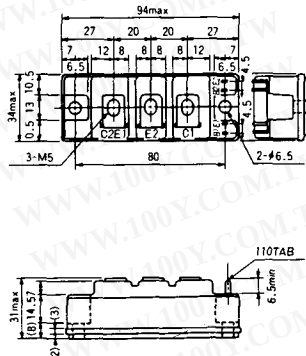
S-88D1A



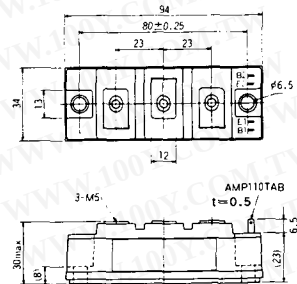
S-92B1A



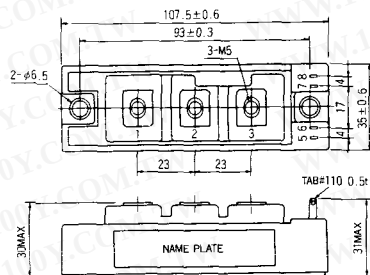
S-94B1A



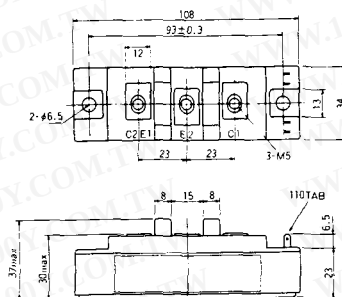
S-94B1B



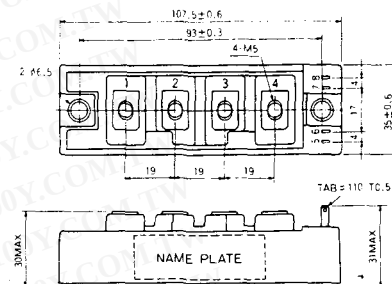
S-108B1A



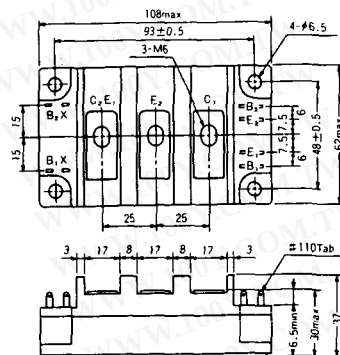
S-108B1B



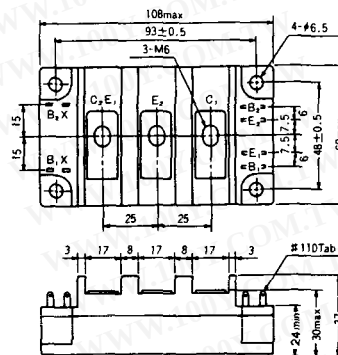
S-108B1C



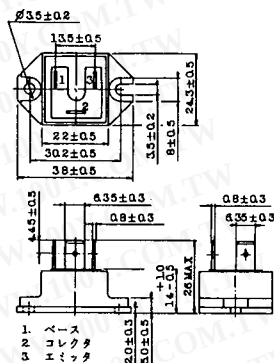
S-108B2A



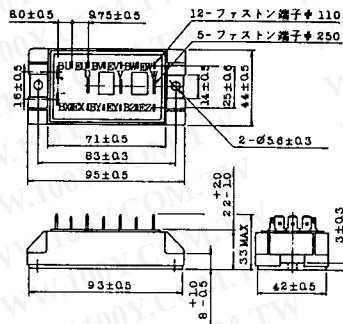
S-108B2B



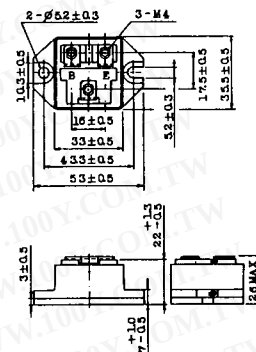
2-22B1A



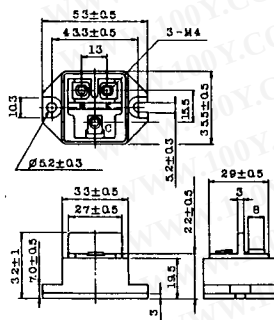
2-27A4A



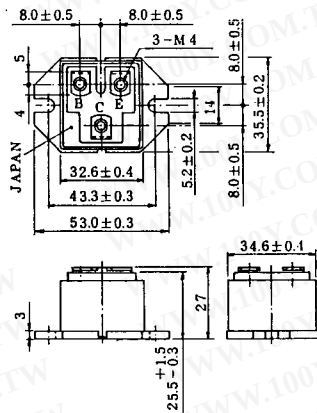
2-33C1A



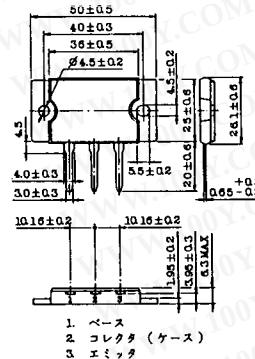
2-33D1A



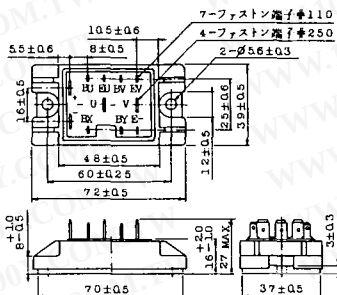
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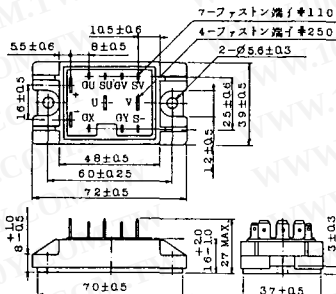
2-37A1A



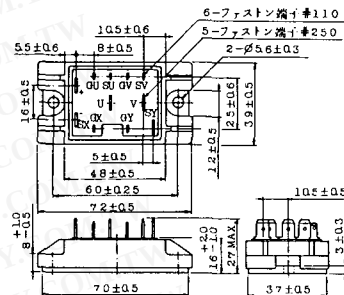
2-48A3A



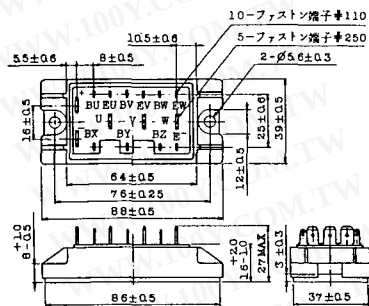
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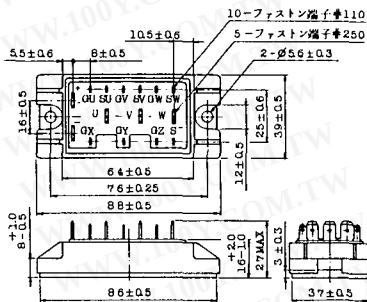
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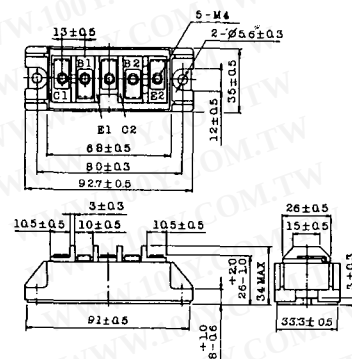
2-64A2A



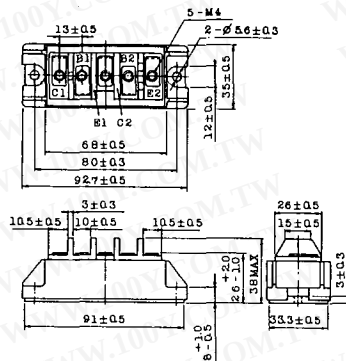
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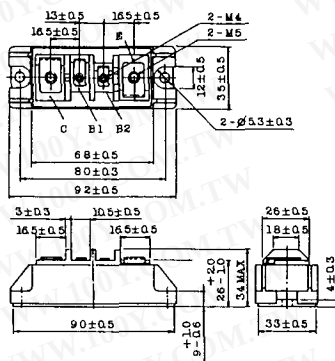
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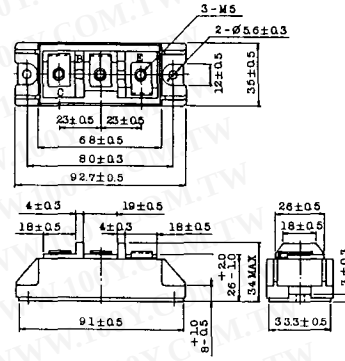
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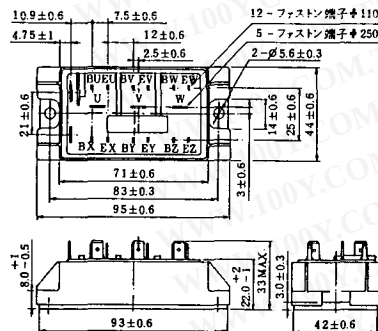
2-68C1A



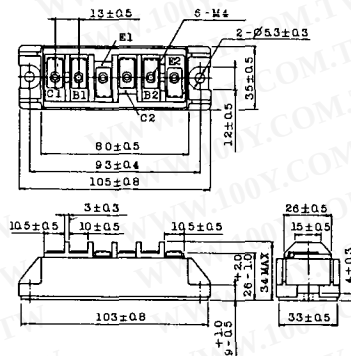
2-68D2A



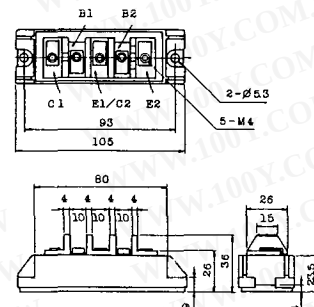
2-72A3A



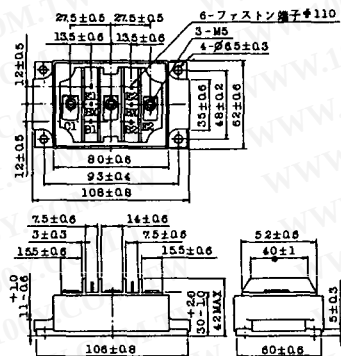
2-80A1A



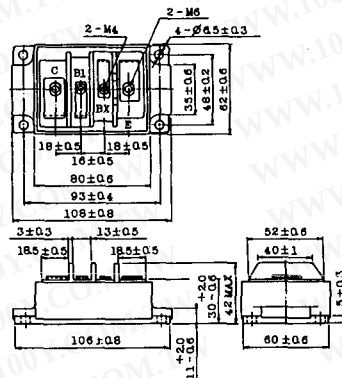
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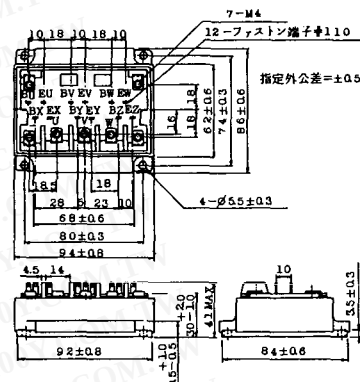
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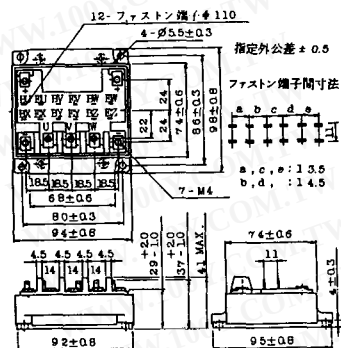
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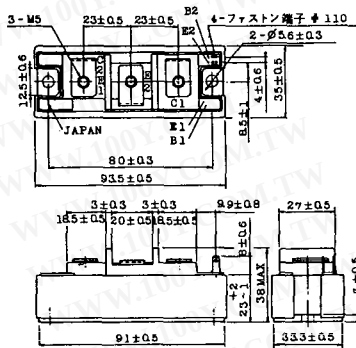
2-94A2A



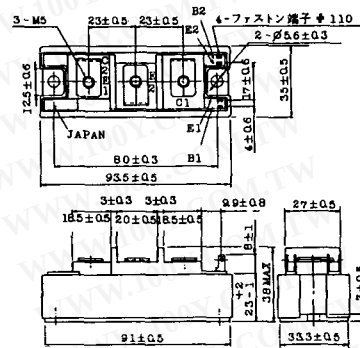
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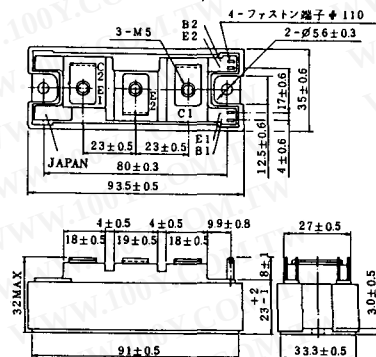
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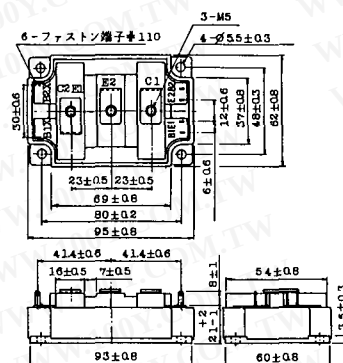
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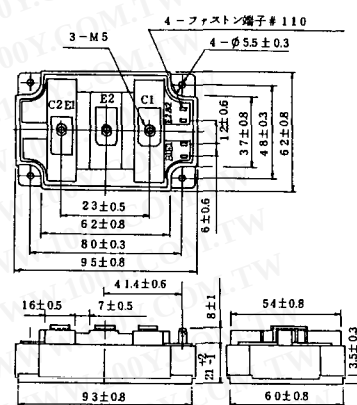
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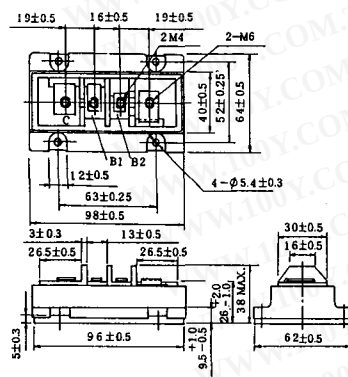
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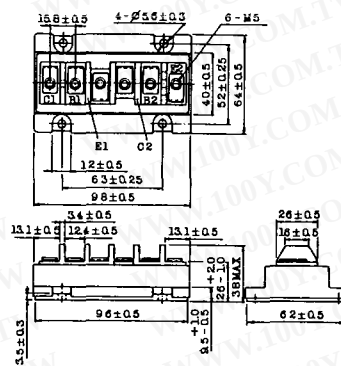
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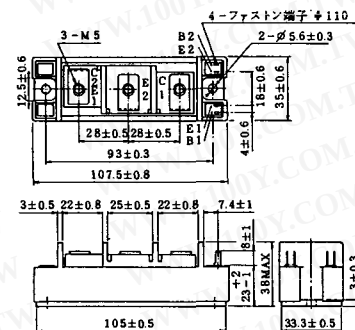
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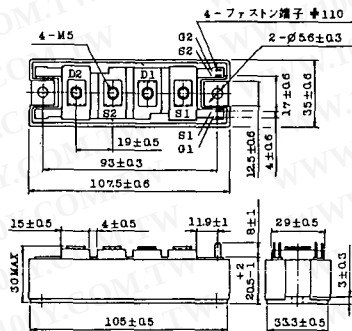
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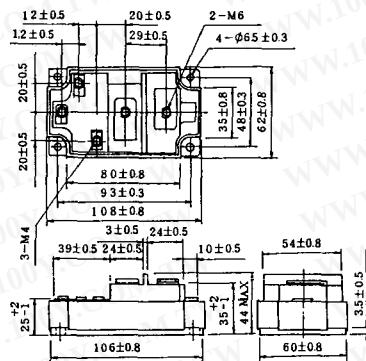
2-108A2A



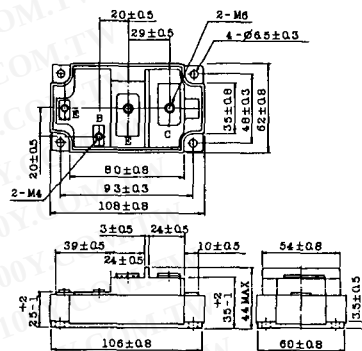
2-108B1A



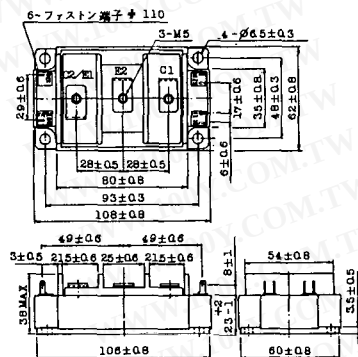
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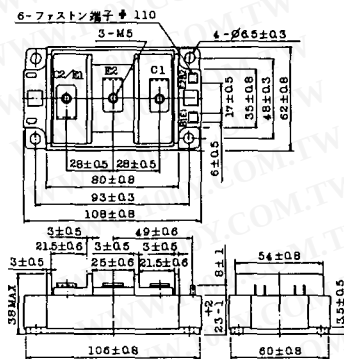
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2-109B3A

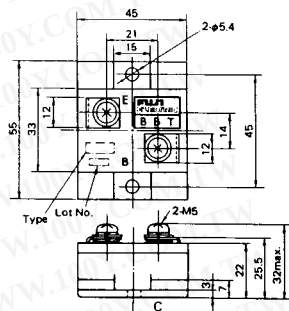


2-109B4A



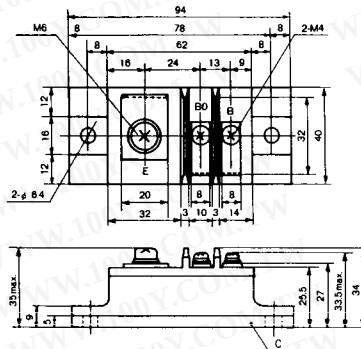
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BBTII
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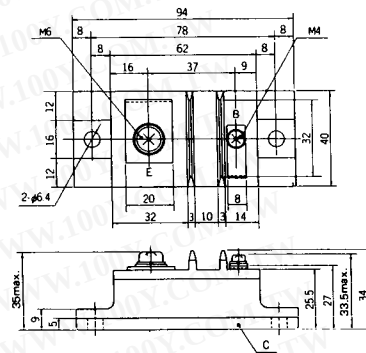
BBT-III

BBTIII
ETN31-055
ETN36-030
ETN35-030



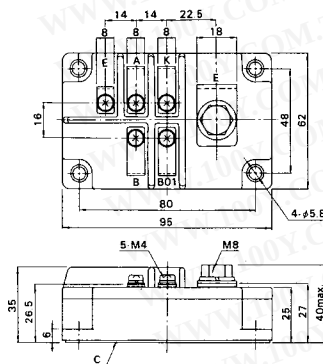
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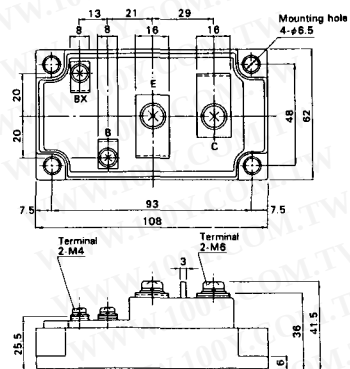
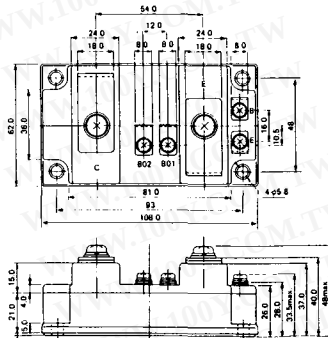
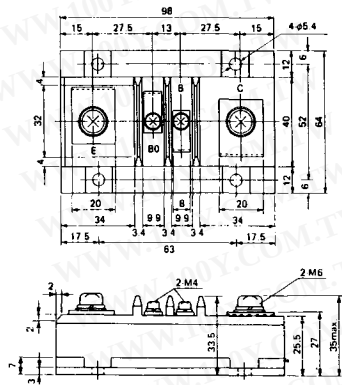
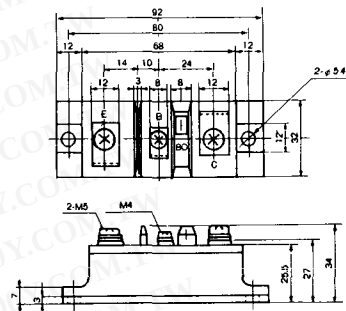
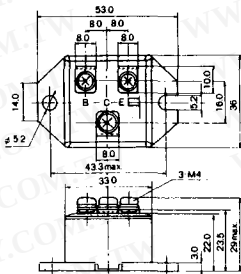
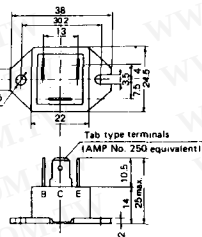
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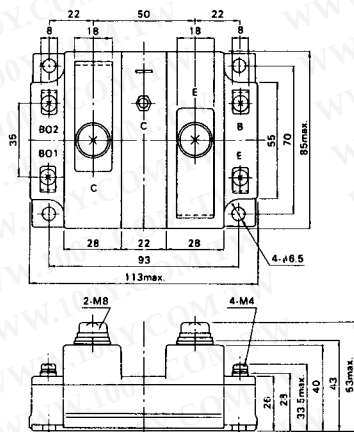
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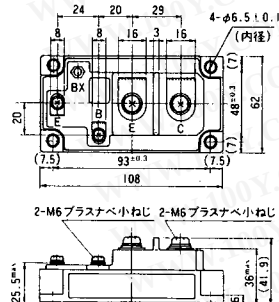




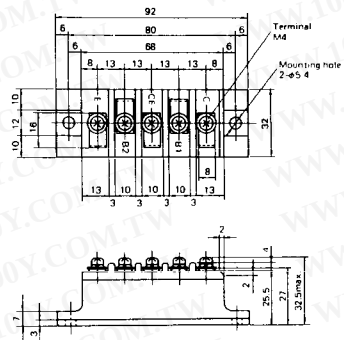
M-107



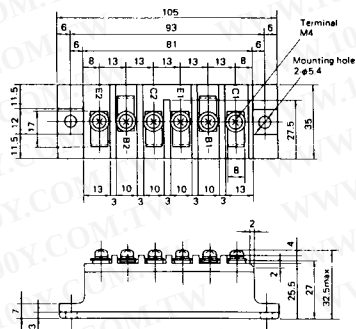
M-116



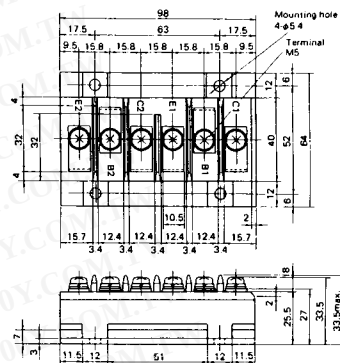
M-201



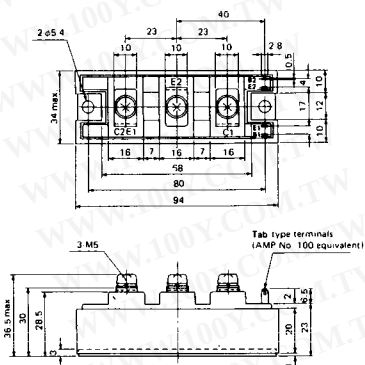
M-202



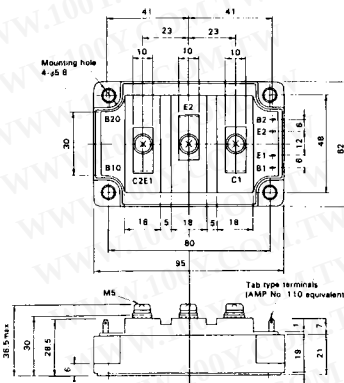
M-203



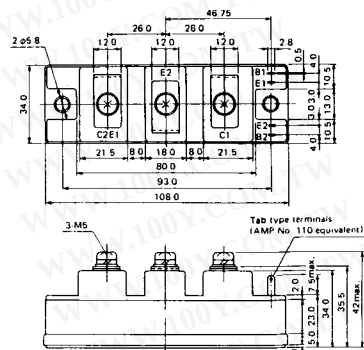
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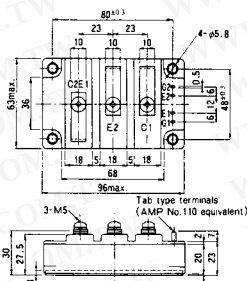
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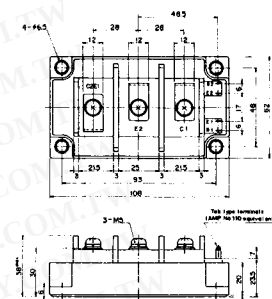
M-206



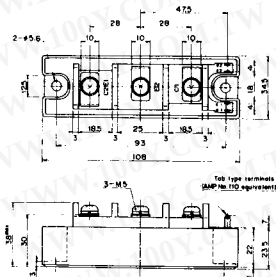
M-213



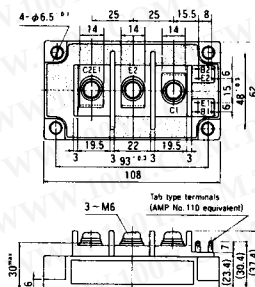
M-214



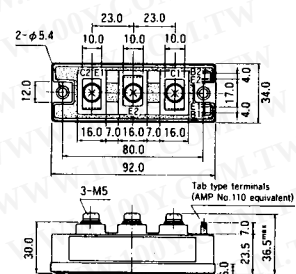
M-216



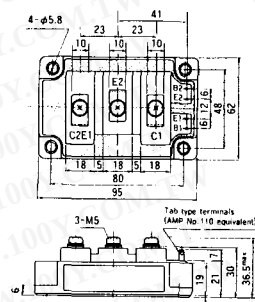
M-217



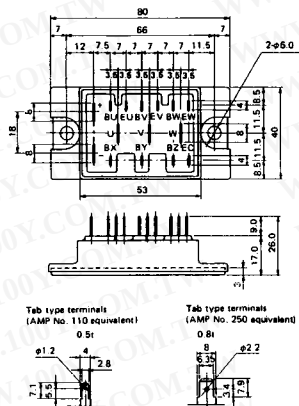
M-218



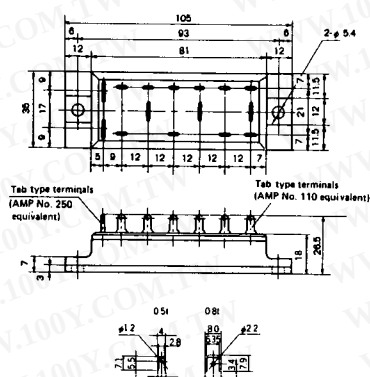
M-219



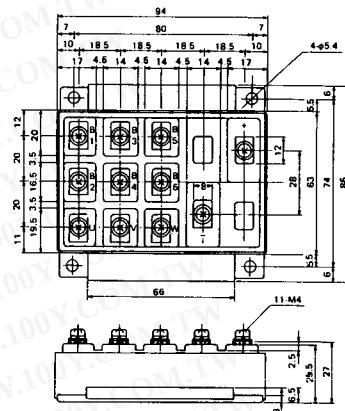
M-601



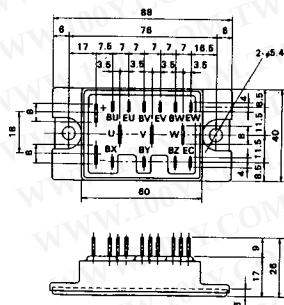
M-602



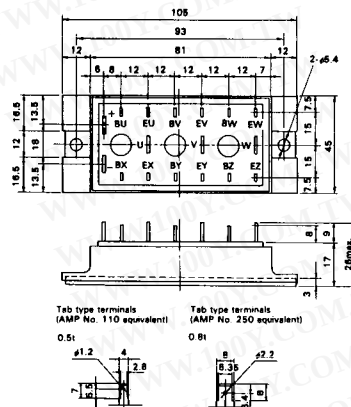
M-603



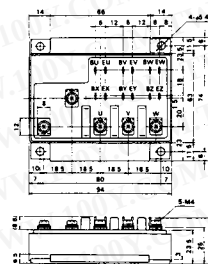
M-604



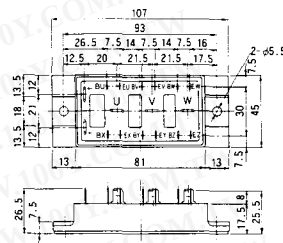
M-605



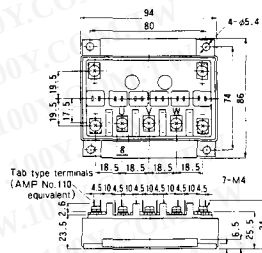
M-606



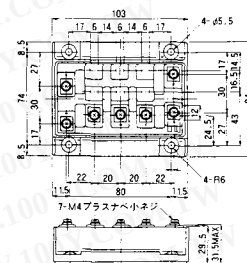
M-607



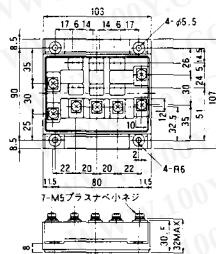
M-608



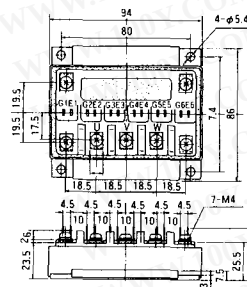
M-609



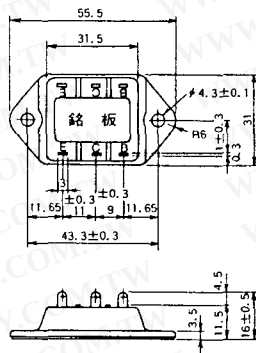
M-610



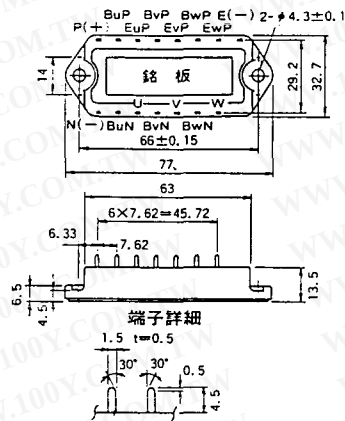
M-616



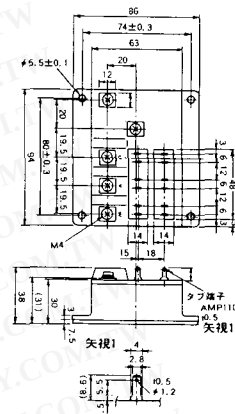
M-3C1A



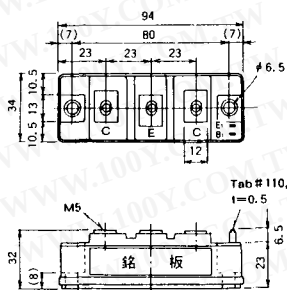
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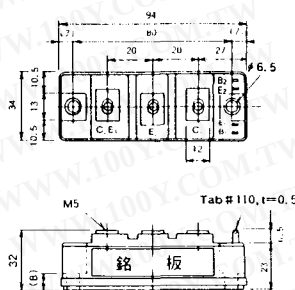
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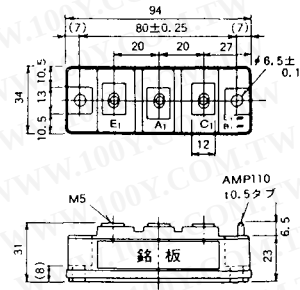
M-4A1A



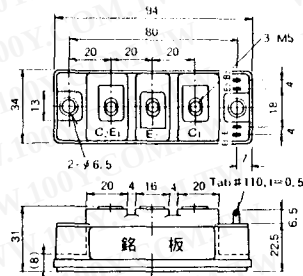
M-4A2A



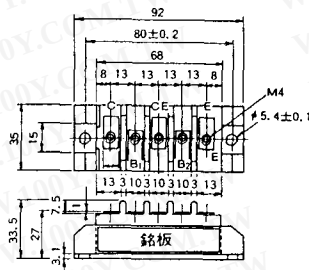
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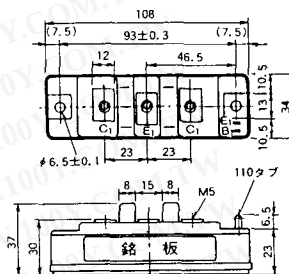
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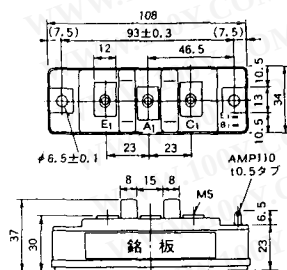
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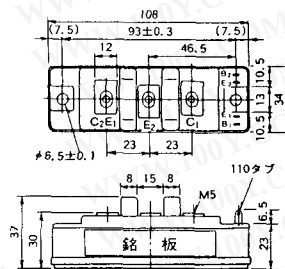
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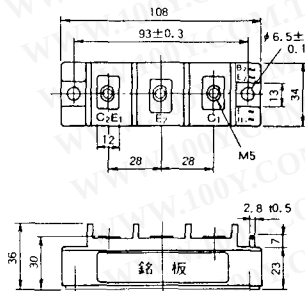
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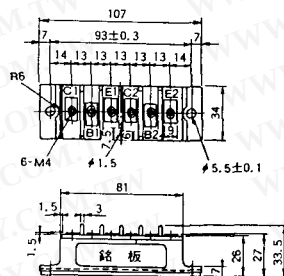
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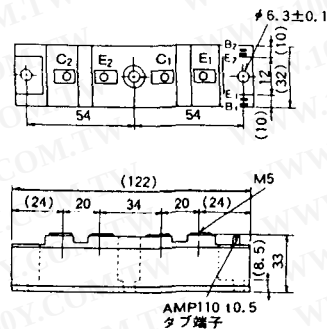
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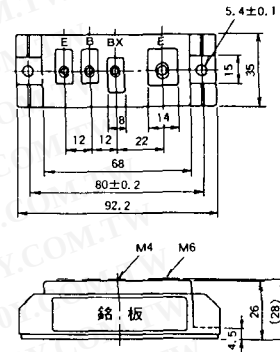
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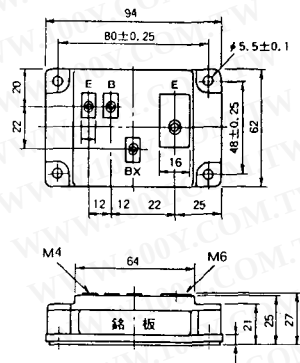
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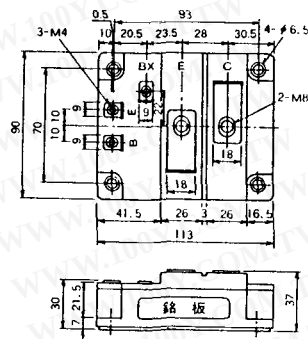
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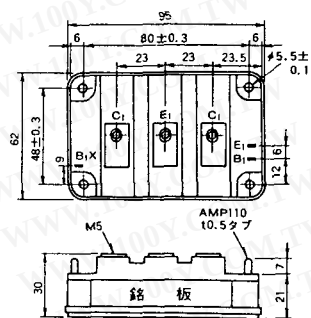
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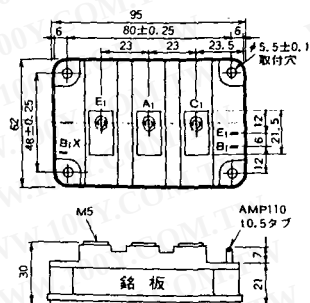
M-7B1A



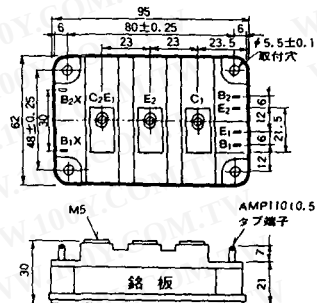
M-8A1A



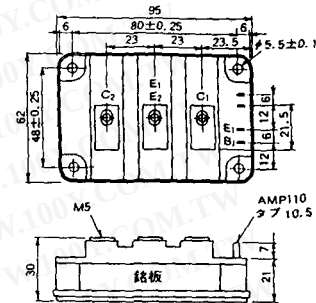
M-8A1B



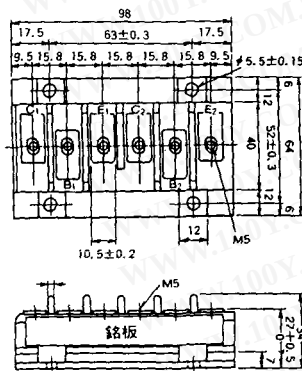
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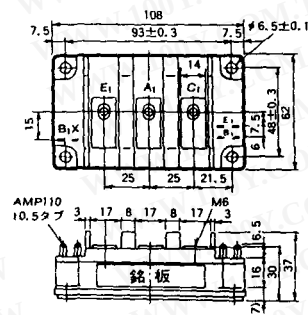
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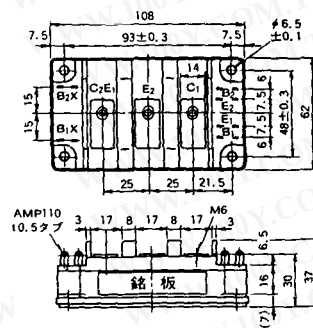
M-8B2A



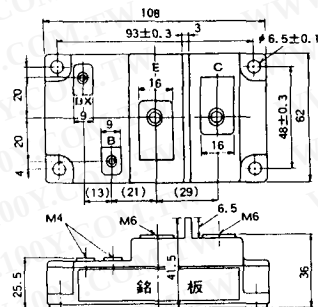
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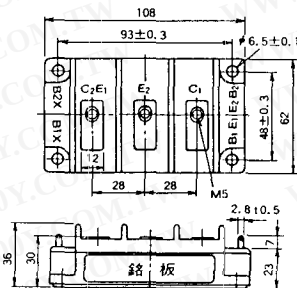
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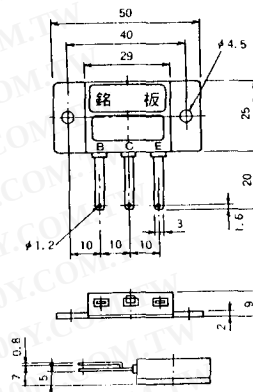
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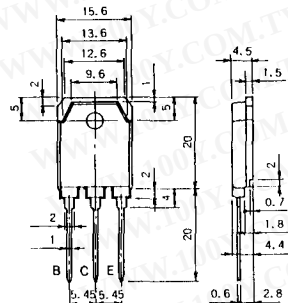
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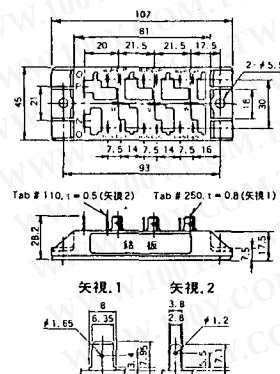
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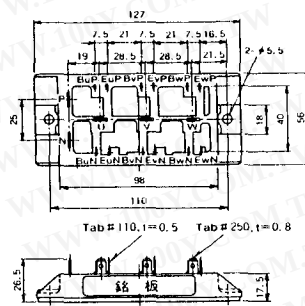
M-1A1C



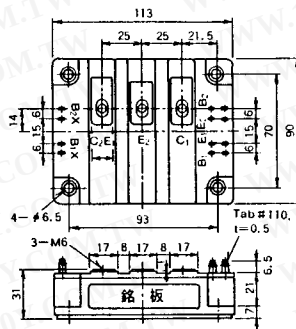
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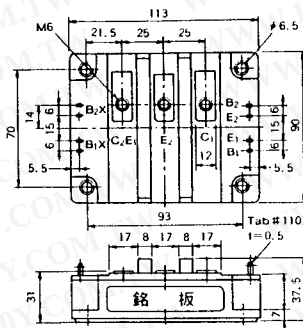
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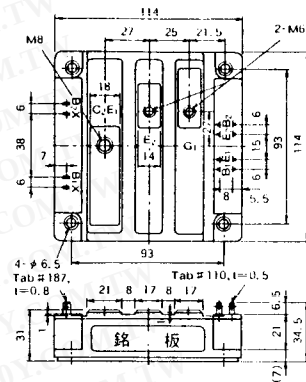
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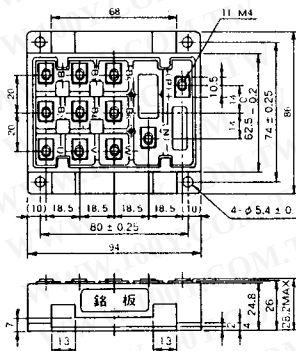
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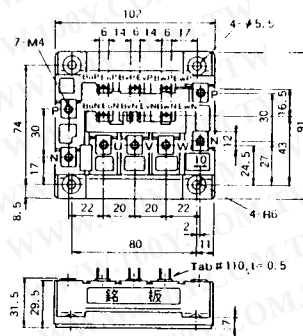
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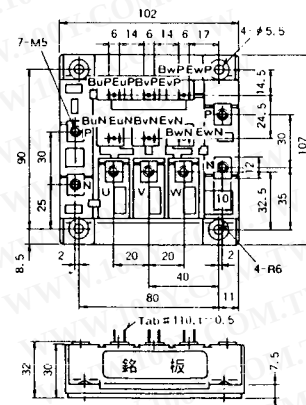
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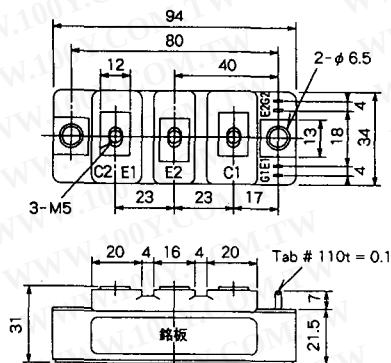
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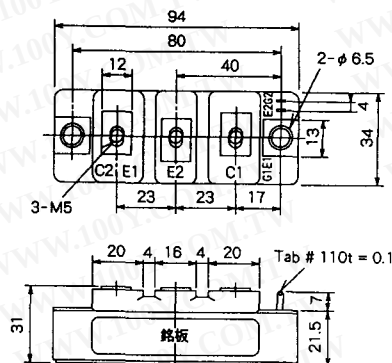
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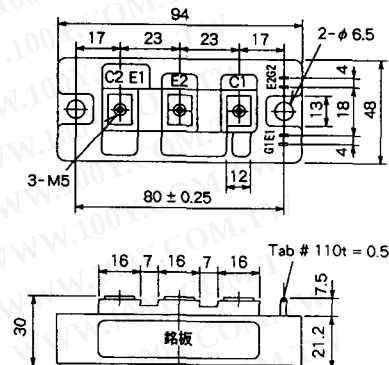
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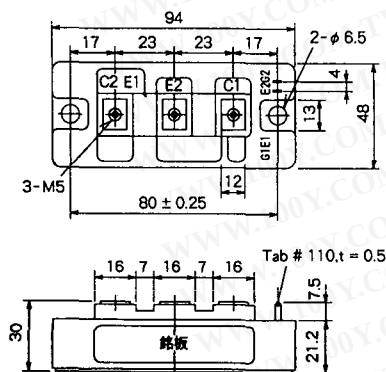
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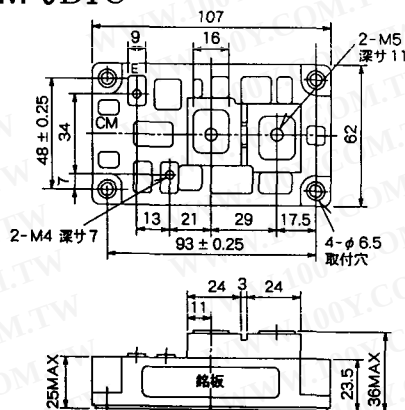
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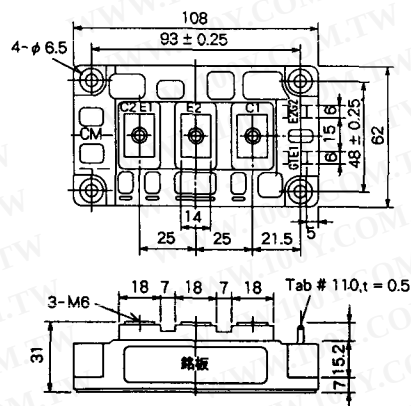
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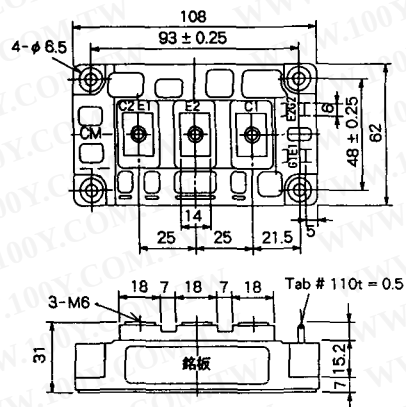
M-9B1C



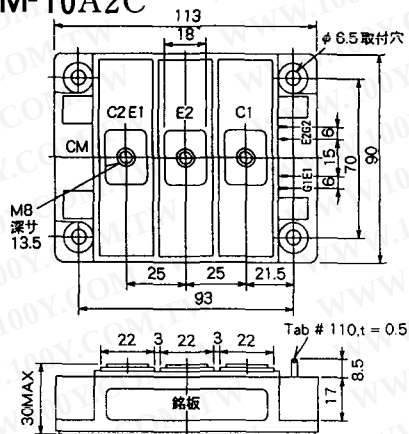
M-9D2A



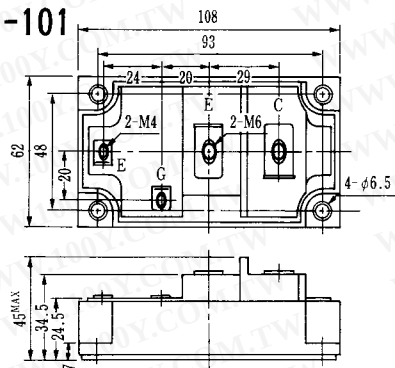
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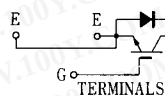
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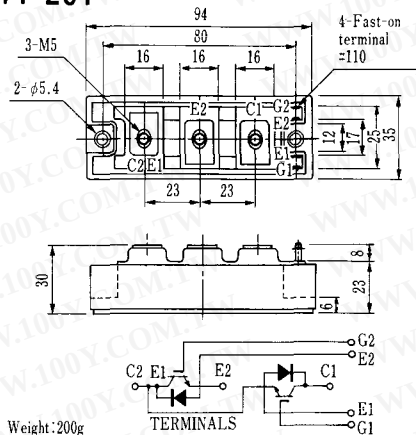
H-101



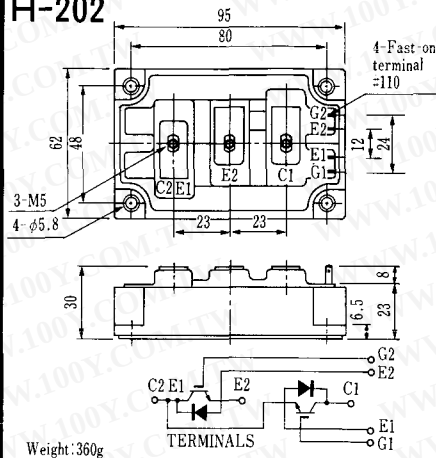
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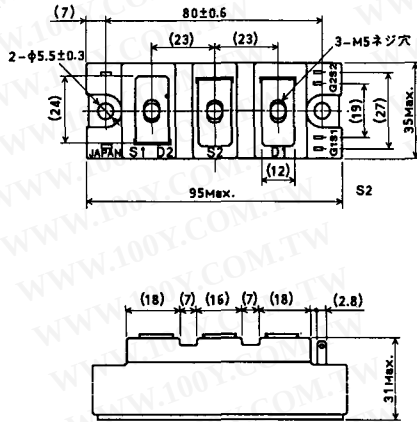
H-201



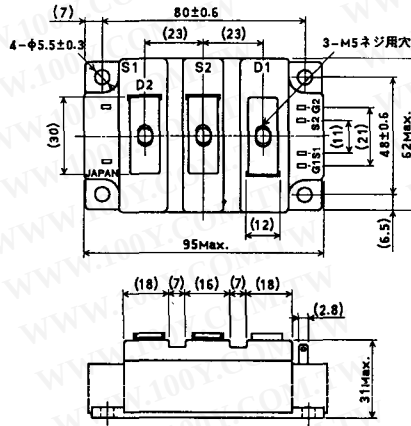
H-202



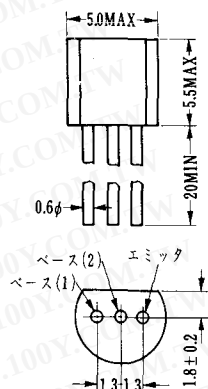
LF-J



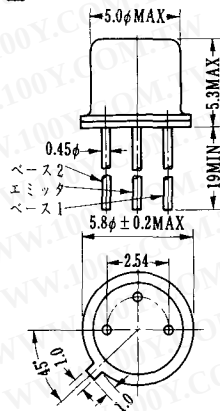
LF-K



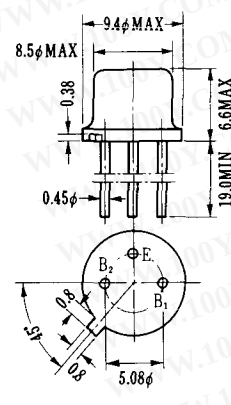
U-1



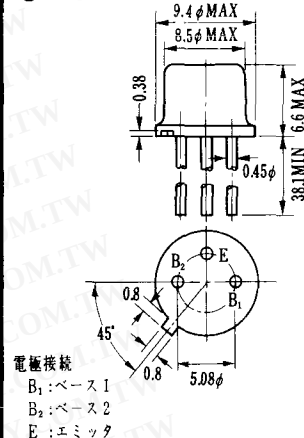
U-2



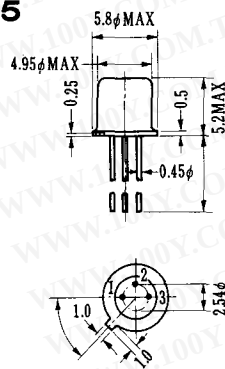
U-3



U-4

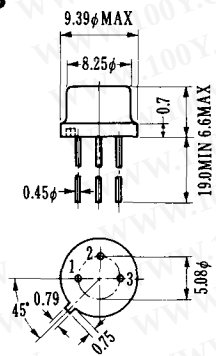


U-5



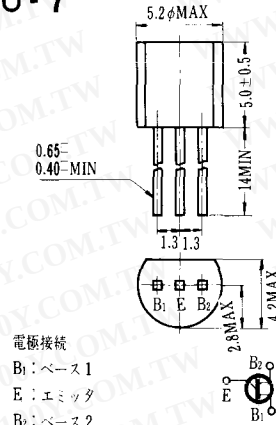
1. BASE 1
2. EMITTER
3. BASE 2 (CASE)

U-6



1. BASE (2)
2. EMITTER
3. BASE (1)

U-7



U-8

