

型 名	社 名	最 大 定 格																電 氣 的 特 性	
		V _{RS} M (V)	V _{RR} M V _{DR} M (V)	I _T (A _V)		I _T S _M (注1) (50Hz) (A)	I ₂ t t=2-10ms (A ² S)	di/dt			P _{GM} (W)	P _G (A _V) (W)	V _{GR} M (V)	I _G F _M (A)	T _j (°C)	T _{stg} (°C)	I _{RR} H I _{DR} H (mA)	T _j (°C)	
				(A)	T _c (°C)			(V/μs)	T _j (°C)	V _D (V)									
CR03AM-12	三菱	720	600	0.3	47*	20*	1.60				0.5	0.10	6.0	0.3	110	-40~125	0.1	110	
CR03AM-2	三菱	150	100	0.3	47*	20*	1.60				0.5	0.10	6.0	0.3	110	-40~125	0.1	110	
CR03AM-4	三菱	300	200	0.3	47*	20*	1.60				0.5	0.10	6.0	0.3	110	-40~125	0.1	110	
CR03AM-6	三菱	400	300	0.3	47*	20*	1.60				0.5	0.10	6.0	0.3	110	-40~125	0.1	110	
CR03AM-8	三菱	500	400	0.3	47*	20*	1.60				0.5	0.10	6.0	0.3	110	-40~125	0.1	110	
CR10C-10	三菱	600	500	10.0	84	200*	170.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	3.0	125	
CR10C-12	三菱	720	600	10.0	84	200*	170.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	3.0	125	
CR10C-16	三菱	960	800	10.0	84	200*	170.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	3.0	125	
CR10C-2	三菱	200	100	10.0	84	200*	170.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	3.0	125	
CR10C-4	三菱	300	200	10.0	84	200*	170.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	3.0	125	
CR10C-6	三菱	400	300	10.0	84	200*	170.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	3.0	125	
CR10C-8	三菱	500	400	10.0	84	200*	170.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	3.0	125	
CR12AM-12	三菱	720	600	12.0	91	360*	544.00				5.0	0.50	10.0	2.0	125	-40~125	2.0	125	
CR12AM-8	三菱	500	400	12.0	91	360*	544.00				5.0	0.50	10.0	2.0	125	-40~125	2.0	125	
CR12BM-12	三菱	720	600	12.0	91	360*	544.00				5.0	0.50	10.0	2.0	125	-40~125	2.0	125	
CR12BM-8	三菱	500	400	12.0	91	360*	544.00				5.0	0.50	10.0	2.0	125	-40~125	2.0	125	
CR20F-10	三菱	600	500	20.0	86	300*	380.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	4.0	125	
CR20F-12	三菱	720	600	20.0	86	300*	380.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	4.0	125	
CR20F-16	三菱	960	800	20.0	86	300*	380.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	4.0	125	
CR20F-2	三菱	120	100	20.0	86	300*	380.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	4.0	125	
CR20F-20	三菱	1200	1000	20.0	86	300*	380.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	4.0	125	
CR20F-24	三菱	1350	1200	20.0	86	300*	380.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	4.0	125	
CR20F-4	三菱	240	200	20.0	86	300*	380.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	4.0	125	
CR20F-6	三菱	360	300	20.0	86	300*	380.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	4.0	125	
CR20F-8	三菱	480	400	20.0	86	300*	380.00	100	25	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-30~125	4.0	125	
CR40B-10	三菱	600	500	40.0	81	800*	2700.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	10.0	125	
CR40B-12	三菱	720	600	40.0	81	800*	2700.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	10.0	125	
CR40B-16	三菱	960	800	40.0	81	800*	2700.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	10.0	125	
CR40B-20	三菱	1200	1000	40.0	81	800*	2700.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	10.0	125	
CR40B-4	三菱	240	200	40.0	81	800*	2700.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	10.0	125	
CR40B-6	三菱	360	300	40.0	81	800*	2700.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	10.0	125	
CR40B-8	三菱	480	400	40.0	81	800*	2700.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	10.0	125	
CR100AL-10	三菱	600	500	100.0	73	2000*	17000.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	15.0	125	
CR100AL-12	三菱	720	600	100.0	73	2000*	17000.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	15.0	125	
CR100AL-16	三菱	960	800	100.0	73	2000*	17000.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	15.0	125	
CR100AL-20	三菱	1200	1000	100.0	73	2000*	17000.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	15.0	125	
CR100AL-24	三菱	1450	1200	100.0	73	2000*	17000.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	15.0	125	
CR100AL-4	三菱	240	200	100.0	73	2000*	17000.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	15.0	125	
CR100AL-6	三菱	360	300	100.0	73	2000*	17000.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	15.0	125	
CR100AL-8	三菱	480	400	100.0	73	2000*	17000.00	100	125	1/2 V _{DR} M	5.0	0.50	5.0	2.0	125	-40~150	15.0	125	

(注1) : * 印は 60Hz の場合の値。

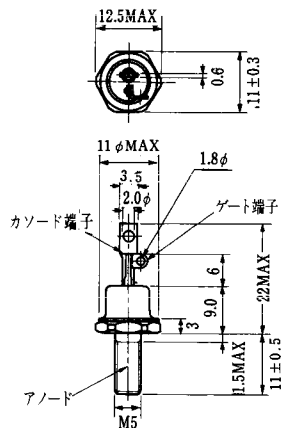
(注2) : 無印は接合 - ケース (またはフィン) 間の熱抵抗の値。* 印は接合 - 周囲間の熱抵抗の値。

電 氣 的 性 質																		外形図	型 名				
V _{TM}				V _{GT}	I _{GT}	T _c	V _{GD} (min)			dv/dt (min)			*typ			T _q	*typ			I _H	R _{th} (注 2)		
	(V)	T _j (°C)	I _{TM} (A)				(V)	T _j (°C)	V _D (V)	(V/μs)	T _j (°C)	V _D (V)	(μs)	T _j (°C)	I _{TM} (A)		V _R (V)					*typ (mA)	(°C/W)
1.80	25*	4	0.8	0.10	25\$	0.20	110	1/2 V _{DRM}							3	180.0000*	M-1	CR03AM-12					
1.80	25*	4	0.8	0.10	25\$	0.20	110	1/2 V _{DRM}							3	180.0000*	M-1	CR03AM-2					
1.80	25*	4	0.8	0.10	25\$	0.20	110	1/2 V _{DRM}							3	180.0000*	M-1	CR03AM-4					
1.80	25*	4	0.8	0.10	25\$	0.20	110	1/2 V _{DRM}							3	180.0000*	M-1	CR03AM-6					
1.80	25*	4	0.8	0.10	25\$	0.20	110	1/2 V _{DRM}							3	180.0000*	M-1	CR03AM-8					
1.60	25#	30	2.5	30.00	25\$	0.25	125	1/2 V _{DRM}	20	125	2/3 V _{DRM}					2.0000	M-5	CR10C-10					
1.60	25#	30	2.5	30.00	25\$	0.25	125	1/2 V _{DRM}	20	125	2/3 V _{DRM}					2.0000	M-5	CR10C-12					
1.60	25#	30	2.5	30.00	25\$	0.25	125	1/2 V _{DRM}	20	125	2/3 V _{DRM}					2.0000	M-5	CR10C-16					
1.60	25#	30	2.5	30.00	25\$	0.25	125	1/2 V _{DRM}	20	125	2/3 V _{DRM}					2.0000	M-5	CR10C-2					
1.60	25#	30	2.5	30.00	25\$	0.25	125	1/2 V _{DRM}	20	125	2/3 V _{DRM}					2.0000	M-5	CR10C-4					
1.60	25#	30	2.5	30.00	25\$	0.25	125	1/2 V _{DRM}	20	125	2/3 V _{DRM}					2.0000	M-5	CR10C-6					
1.60	25#	30	2.5	30.00	25\$	0.25	125	1/2 V _{DRM}	20	125	2/3 V _{DRM}					2.0000	M-5	CR10C-8					
1.60	25#	40	1.0	30.00	25\$	0.20	125	1/2 V _{DRM}							15*	1.2000	M-21	CR12AM-12					
1.60	25#	40	1.0	30.00	25\$	0.20	125	1/2 V _{DRM}							15*	1.2000	M-21	CR12AM-8					
1.60	25#	40	1.5	30.00	25\$	0.20	125	1/2 V _{DRM}							15*	1.2000	M-36	CR12BM-12					
1.60	25#	40	1.5	30.00	25\$	0.20	125	1/2 V _{DRM}							15*	1.2000	M-36	CR12BM-8					
1.80	25#	60	3.0	50.00	25\$	0.25	125	1/2 V _{DRM}	50	125	2/3 V _{DRM}					1.0000	M-6	CR20F-10					
1.80	25#	60	3.0	50.00	25\$	0.25	125	1/2 V _{DRM}	50	125	2/3 V _{DRM}					1.0000	M-6	CR20F-12					
1.80	25#	60	3.0	50.00	25\$	0.25	125	1/2 V _{DRM}	50	125	2/3 V _{DRM}					1.0000	M-6	CR20F-16					
1.80	25#	60	3.0	50.00	25\$	0.25	125	1/2 V _{DRM}	50	125	2/3 V _{DRM}					1.0000	M-6	CR20F-2					
1.80	25#	60	3.0	50.00	25\$	0.25	125	1/2 V _{DRM}	50	125	2/3 V _{DRM}					1.0000	M-6	CR20F-20					
1.80	25#	60	3.0	50.00	25\$	0.25	125	1/2 V _{DRM}	50	125	2/3 V _{DRM}					1.0000	M-6	CR20F-24					
1.80	25#	60	3.0	50.00	25\$	0.25	125	1/2 V _{DRM}	50	125	2/3 V _{DRM}					1.0000	M-6	CR20F-4					
1.80	25#	60	3.0	50.00	25\$	0.25	125	1/2 V _{DRM}	50	125	2/3 V _{DRM}					1.0000	M-6	CR20F-6					
1.80	25#	60	3.0	50.00	25\$	0.25	125	1/2 V _{DRM}	50	125	2/3 V _{DRM}					1.0000	M-6	CR20F-8					
1.70	125	120	1.5	80.00	25\$	0.25	125	1/2 V _{DRM}	200	125	1/2 V _{DRM}					0.6000	M-7	CR40B-10					
1.70	125	120	1.5	80.00	25\$	0.25	125	1/2 V _{DRM}	200	125	1/2 V _{DRM}					0.6000	M-7	CR40B-12					
1.70	125	120	1.5	80.00	25\$	0.25	125	1/2 V _{DRM}	200	125	1/2 V _{DRM}					0.6000	M-7	CR40B-16					
1.70	125	120	1.5	80.00	25\$	0.25	125	1/2 V _{DRM}	200	125	1/2 V _{DRM}					0.6000	M-7	CR40B-20					
1.70	125	120	1.5	80.00	25\$	0.25	125	1/2 V _{DRM}	200	125	1/2 V _{DRM}					0.6000	M-7	CR40B-4					
1.70	125	120	1.5	80.00	25\$	0.25	125	1/2 V _{DRM}	200	125	1/2 V _{DRM}					0.6000	M-7	CR40B-6					
1.70	125	120	1.5	80.00	25\$	0.25	125	1/2 V _{DRM}	200	125	1/2 V _{DRM}					0.6000	M-7	CR40B-8					
1.60	125	310	1.5	100.00	25\$	0.20	125	1/2 V _{DRM}	100	125	1/2 V _{DRM}					0.3000	M-8	CR100AL-10					
1.60	125	310	1.5	100.00	25\$	0.20	125	1/2 V _{DRM}	100	125	1/2 V _{DRM}					0.3000	M-8	CR100AL-12					
1.60	125	310	1.5	100.00	25\$	0.20	125	1/2 V _{DRM}	100	125	1/2 V _{DRM}					0.3000	M-8	CR100AL-16					
1.60	125	310	1.5	100.00	25\$	0.20	125	1/2 V _{DRM}	100	125	1/2 V _{DRM}					0.3000	M-8	CR100AL-20					
1.60	125	310	1.5	100.00	25\$	0.20	125	1/2 V _{DRM}	100	125	1/2 V _{DRM}					0.3000	M-8	CR100AL-24					
1.60	125	310	1.5	100.00	25\$	0.20	125	1/2 V _{DRM}	100	125	1/2 V _{DRM}					0.3000	M-8	CR100AL-4					
1.60	125	310	1.5	100.00	25\$	0.20	125	1/2 V _{DRM}	100	125	1/2 V _{DRM}					0.3000	M-8	CR100AL-6					
1.60	125	310	1.5	100.00	25\$	0.20	125	1/2 V _{DRM}	100	125	1/2 V _{DRM}					0.3000	M-8	CR100AL-8					

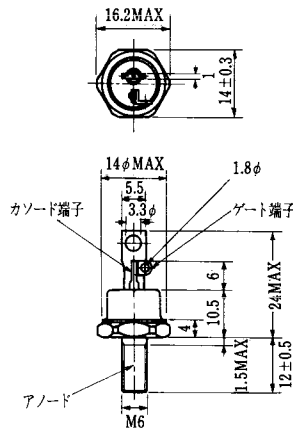
・電気的特性において、(min)、(typ)等、特に記入のないものは(max)値を表す。

・温度条件において、無印は表記温度、*印は周囲温度(T_a)、#印はケースまたはフィン温度(T_c または T_f)、\$印は接合部温度(T_j)をそれぞれ表す。

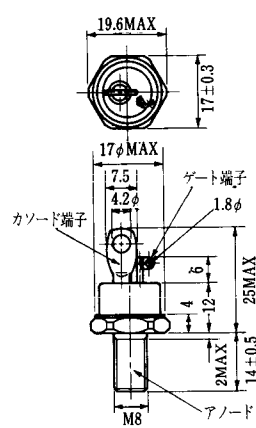
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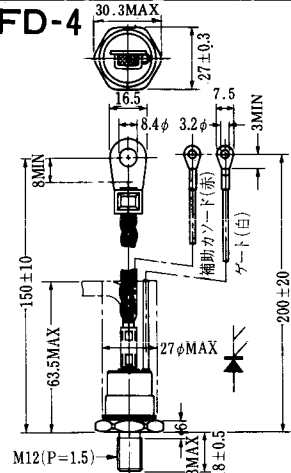
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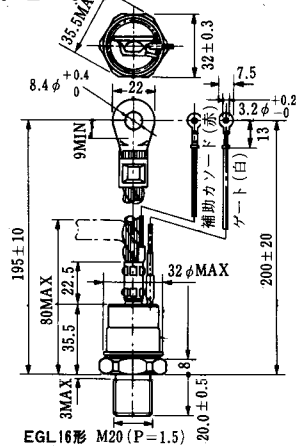
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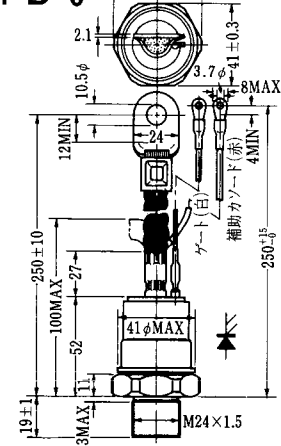
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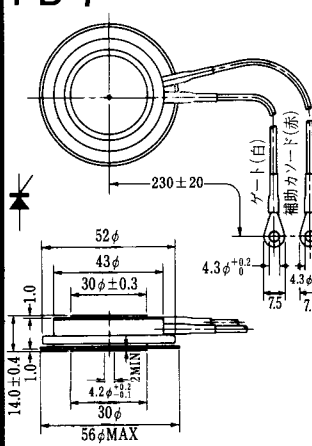
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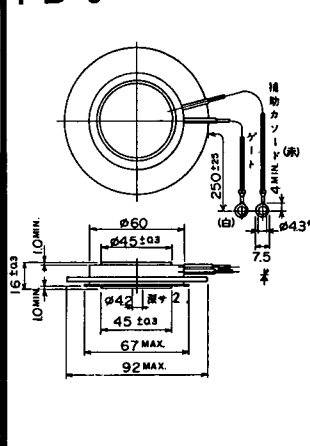
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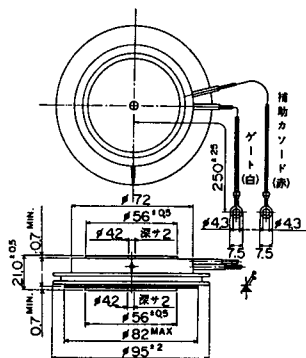
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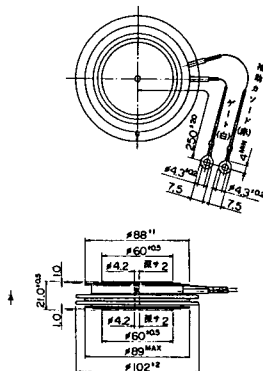
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FD-9

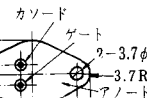


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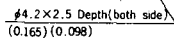


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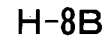
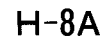
FD-12



Unit in mm (inch)

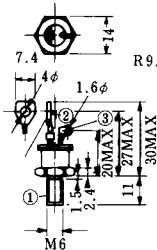


Unit in mm(inch)

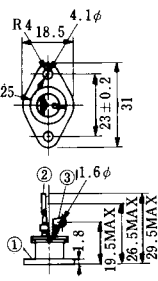


- ①アノード
②カソード
③ゲート

H-9A

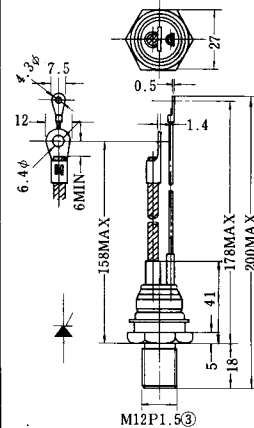


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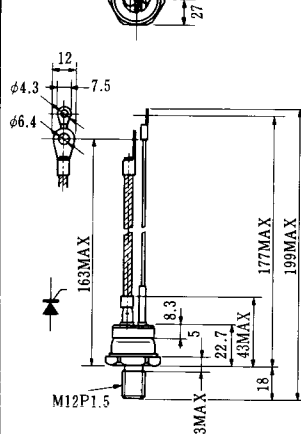


- ① アノード
- ② カソード
- ③ ゲート

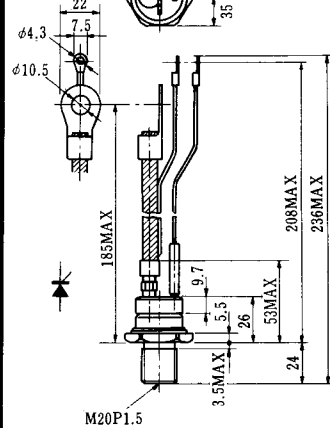
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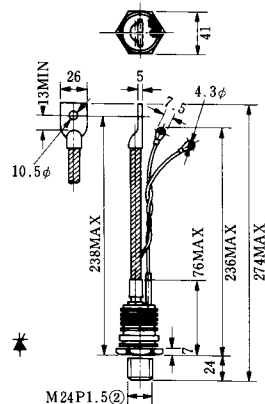
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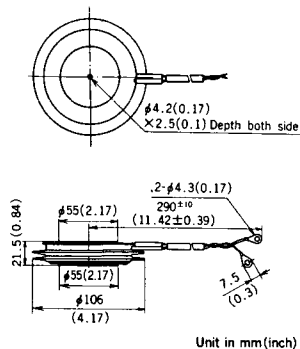
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H-13

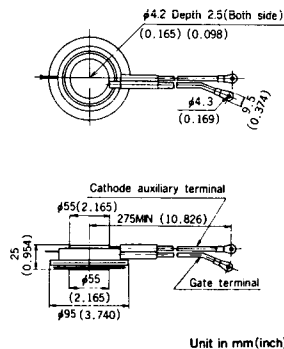


H-14



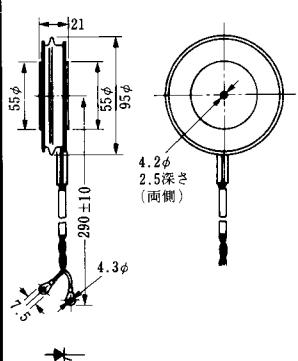
Unit in mm (inch)

H-15

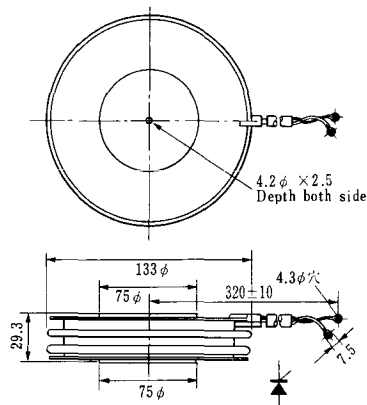


Unit in mm (inch)

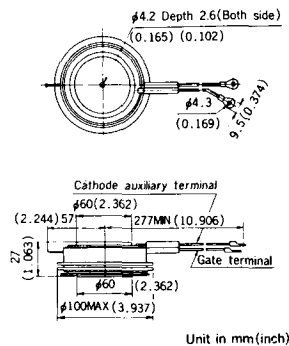
H-16



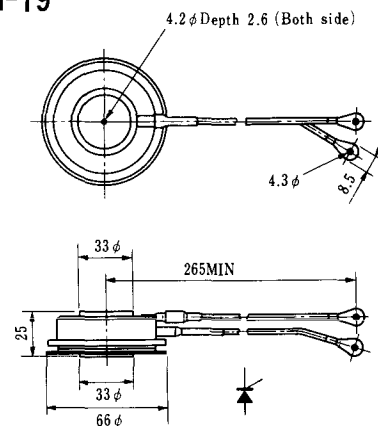
H-17



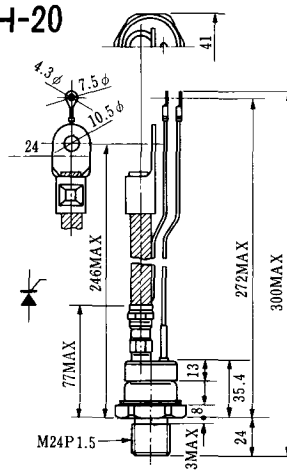
H-18



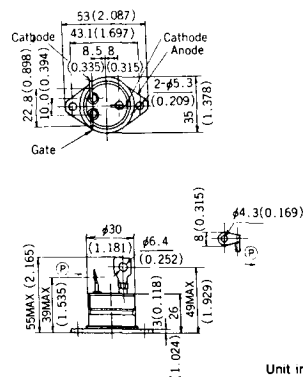
H-19



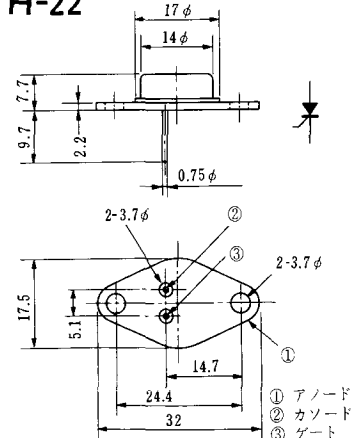
H-20



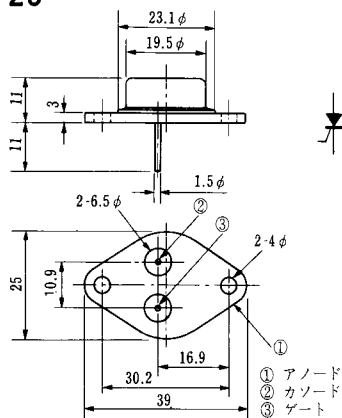
H-21



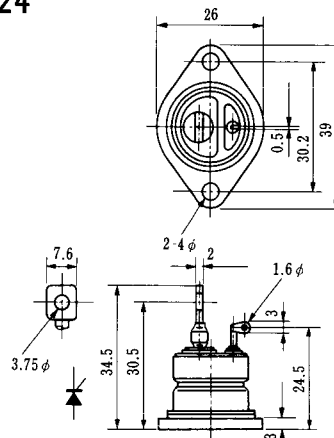
H-22



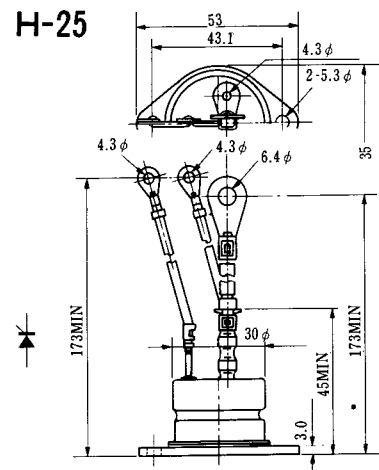
H-23



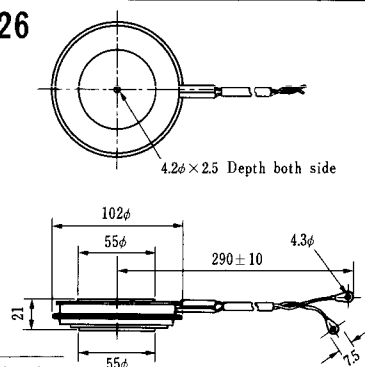
H-24



H-25

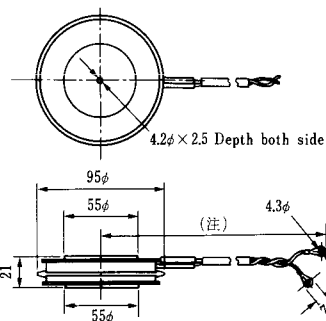


H-26



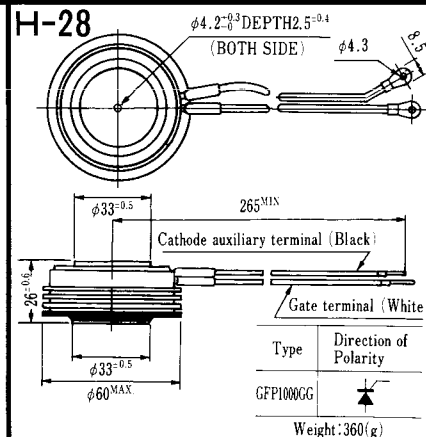
Type	Direction of polarity
CA12	

H-27



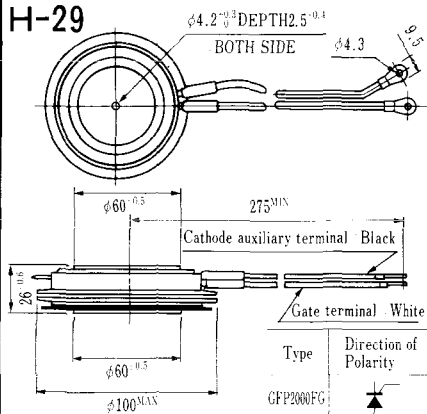
Type	Direction of polarity
CF11V	

H-28



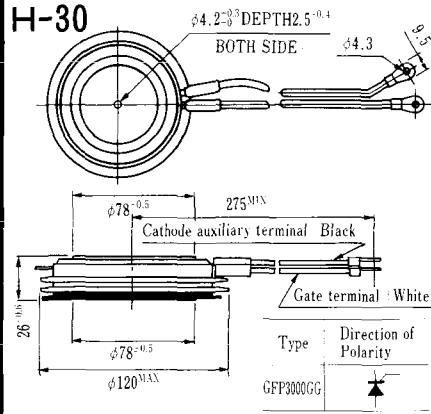
Note: The thickness is a dimension in press at the rated mounting force.

H-29



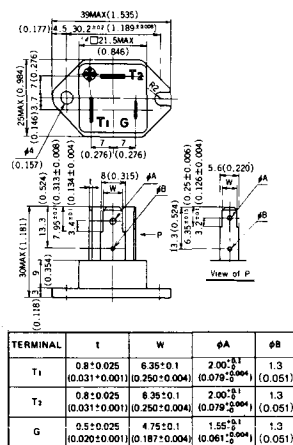
Note : The thickness is a dimension in press at the rated mounting force.

H-30



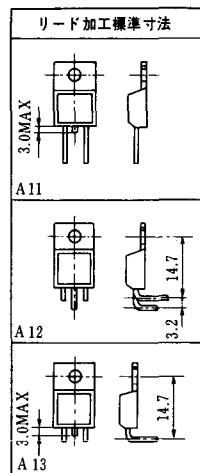
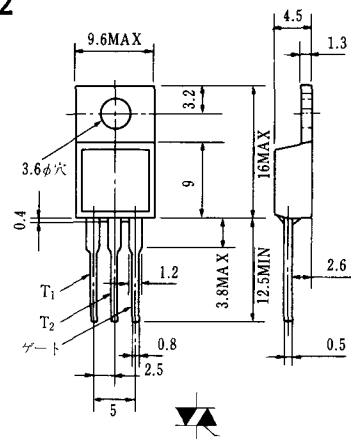
Note : The thickness is a dimension in press at the rated mounting force.

HT-1

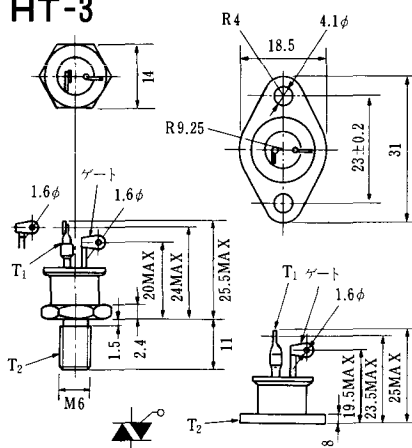


Unit in mm (inch)

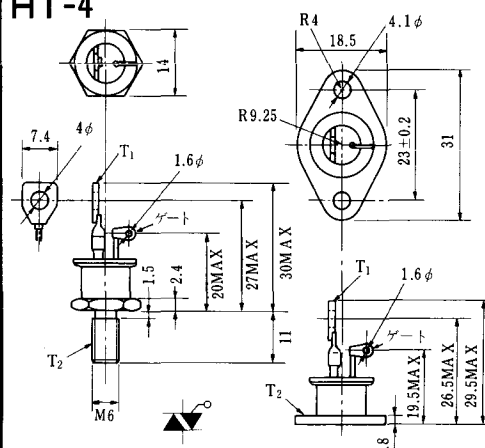
HT-2



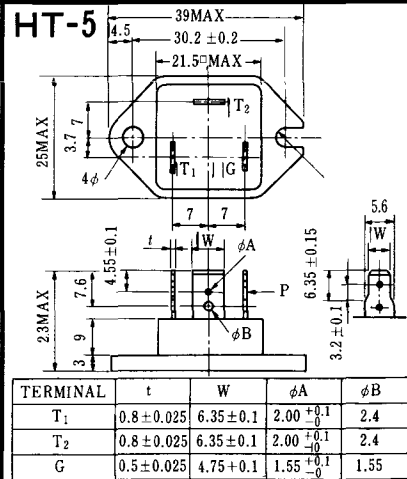
HT-3



HT-4

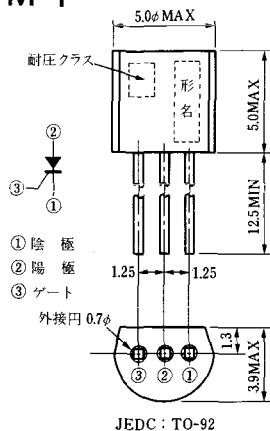


HT-5

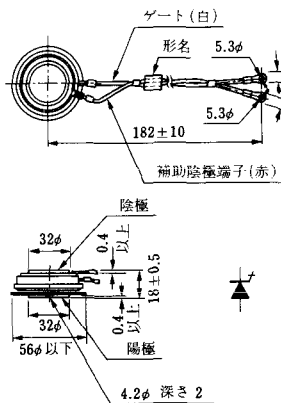


《寸法図単位：mm》

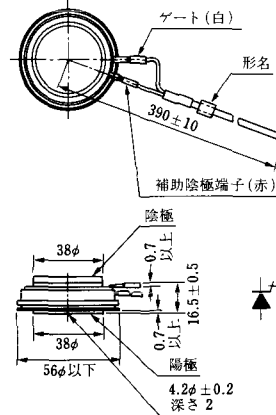
M-1



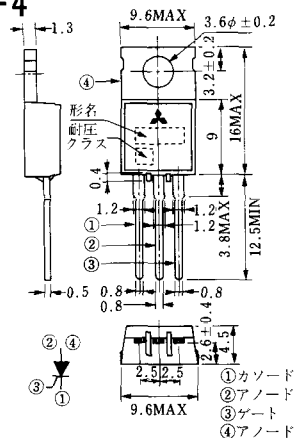
M-2



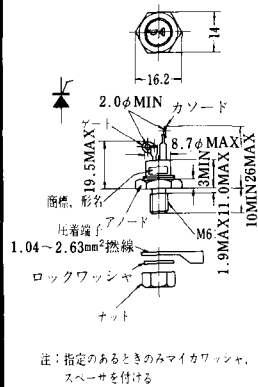
M-3



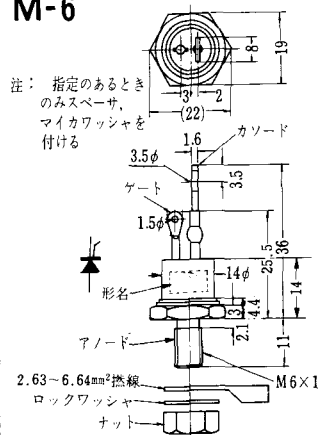
M-4



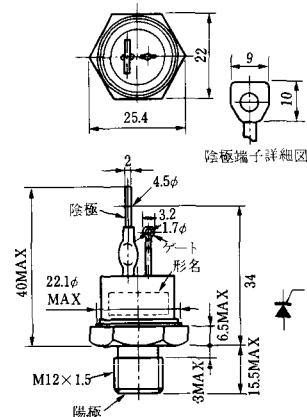
M-5



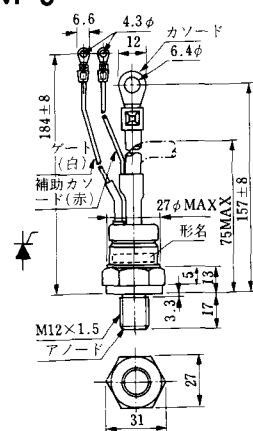
M-6



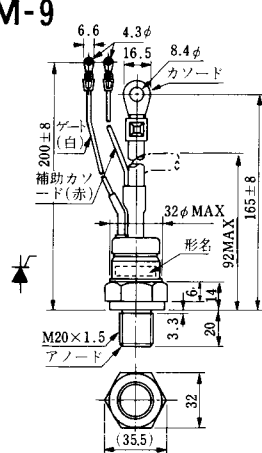
M-7



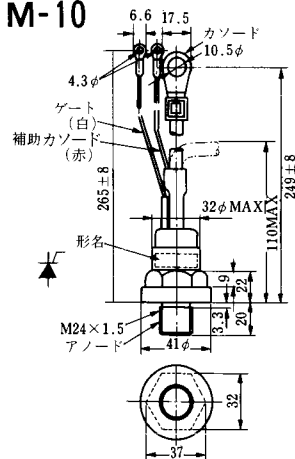
M-8



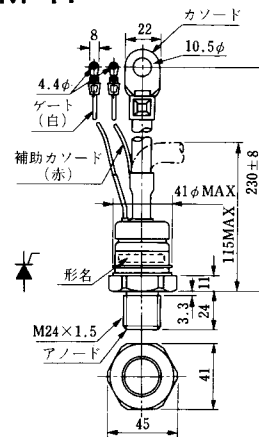
M-9



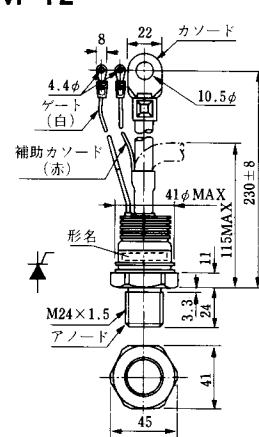
M-10



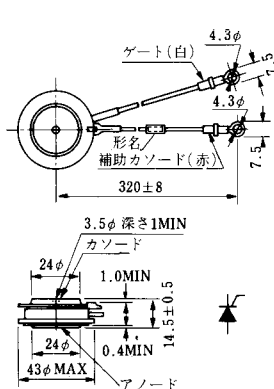
M-11



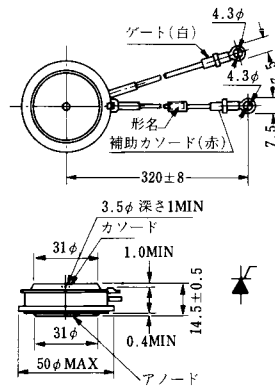
M-12



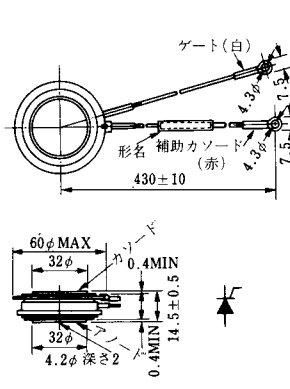
M-13



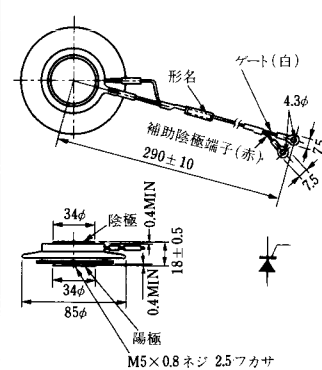
M-14



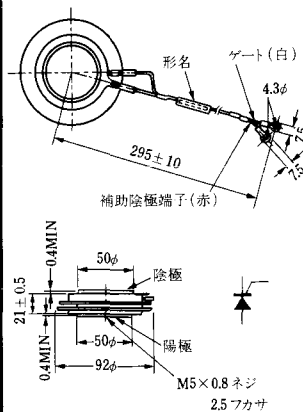
M-15



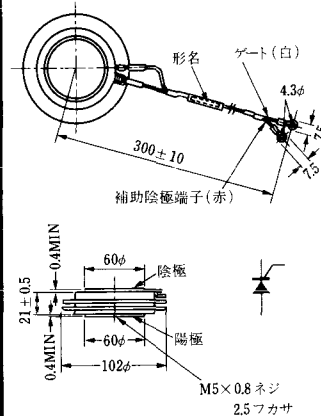
M-16



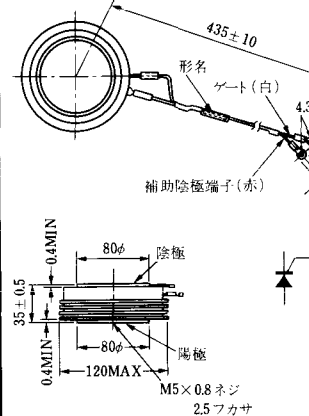
M-17



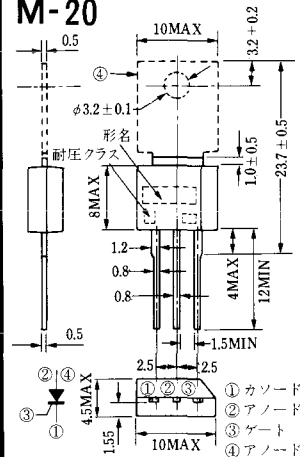
M-18



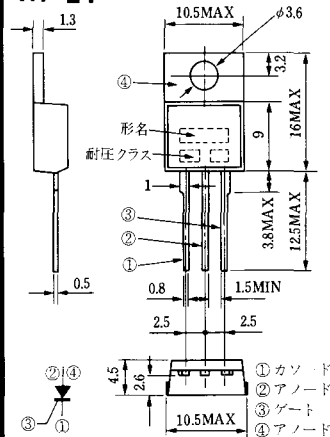
M-19



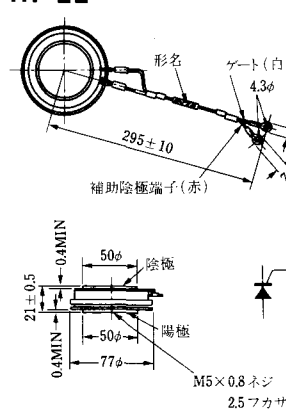
M-20



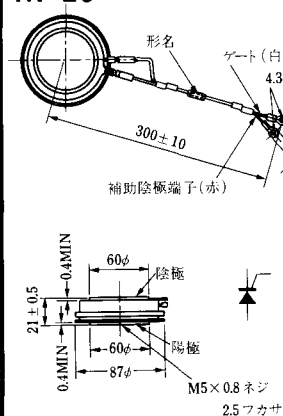
M-21



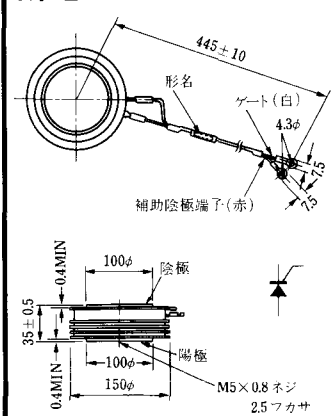
M-22



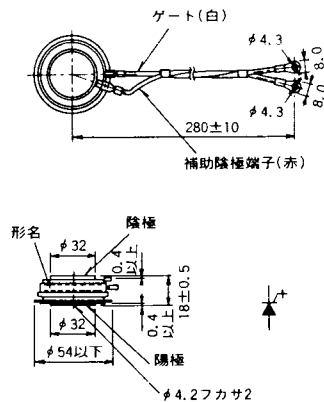
M-23



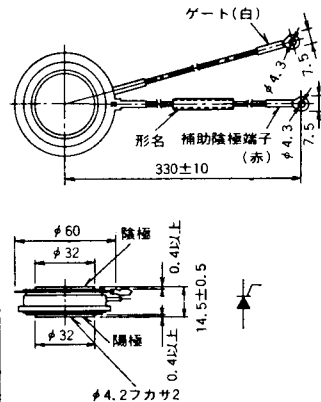
M-24



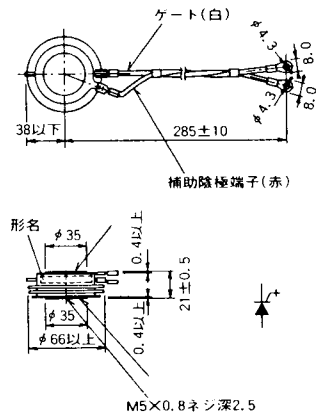
M-25



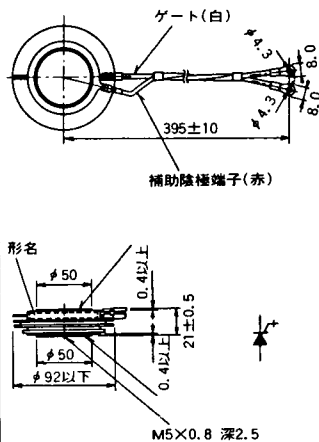
M-26



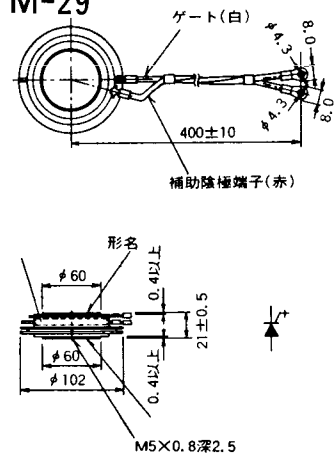
M-27



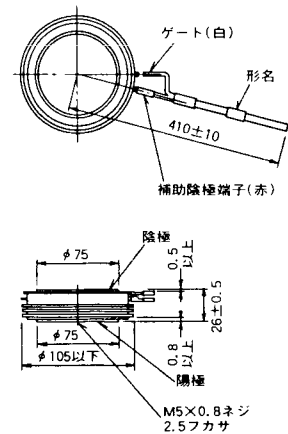
M-28



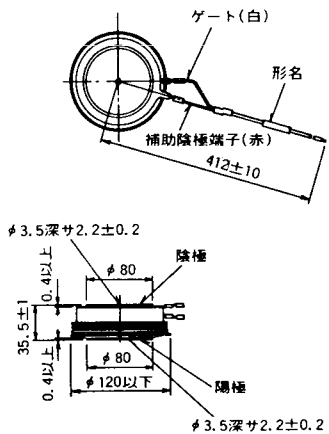
M-29



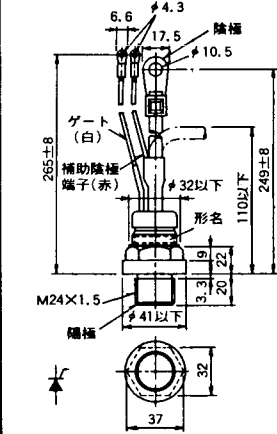
M-30



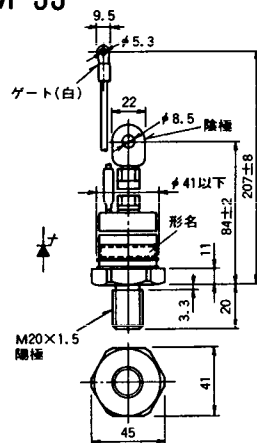
M-31



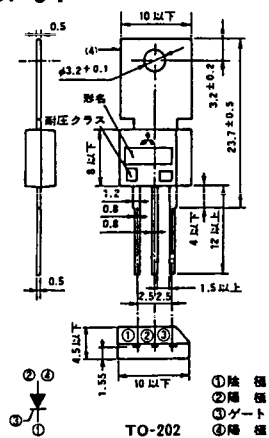
M-32



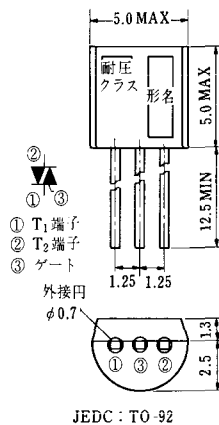
M-33



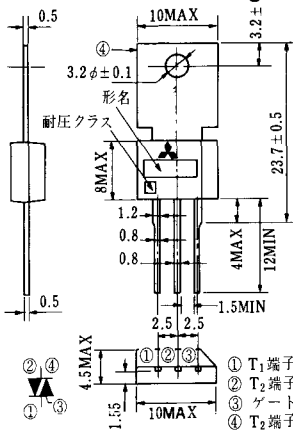
M-34



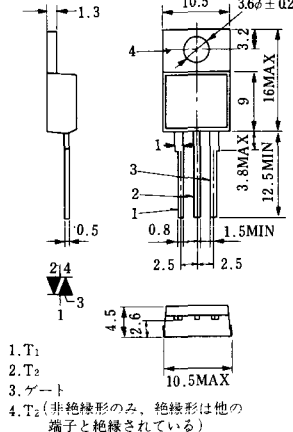
MT-1



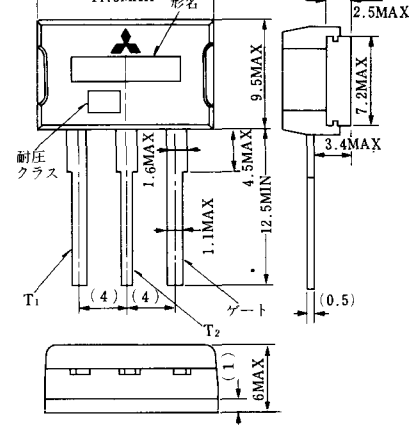
MT-2



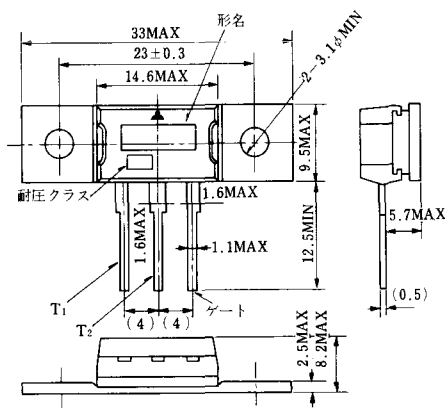
MT-3



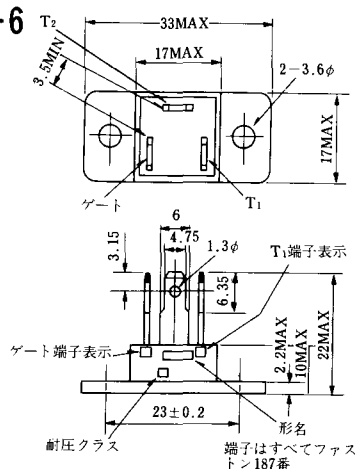
MT-4



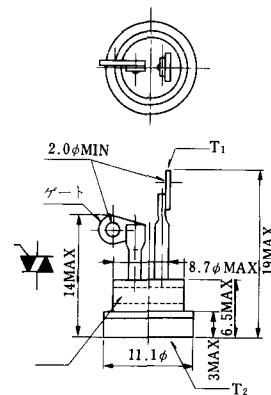
MT-5



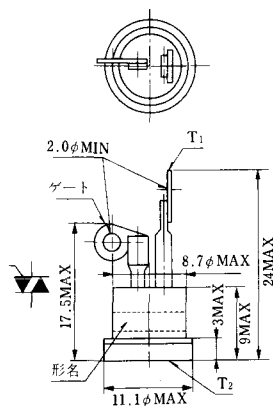
MT-6



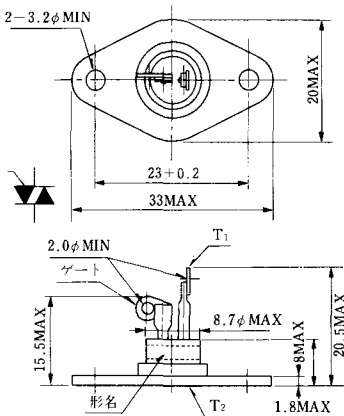
MT-7



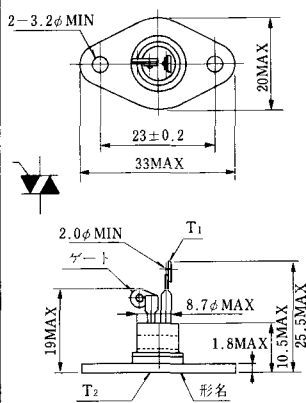
MT-8



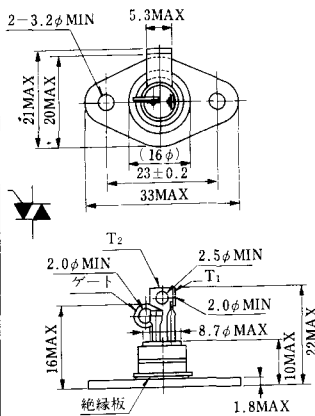
MT-9



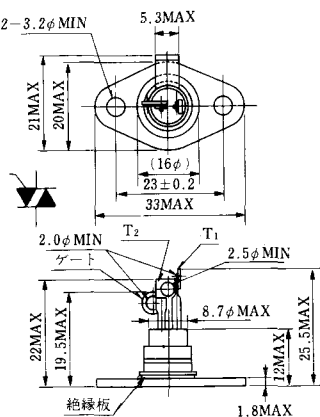
MT-10



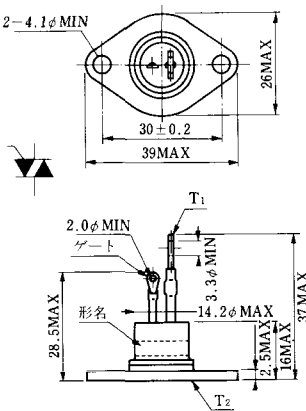
MT-11



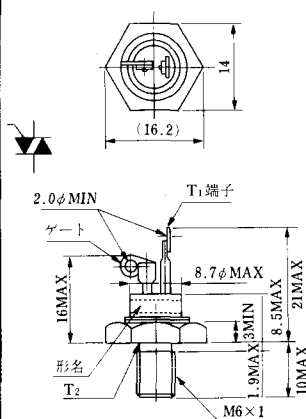
MT-12



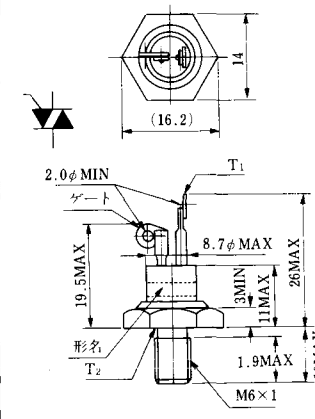
MT-13



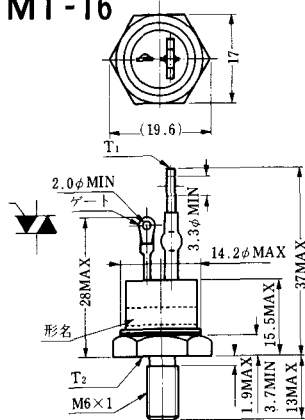
MT-14



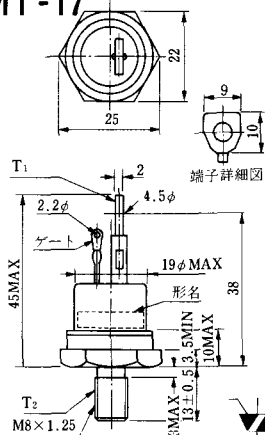
MT-15



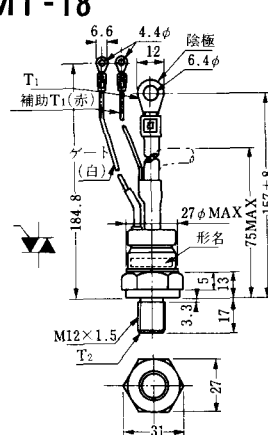
MT-16



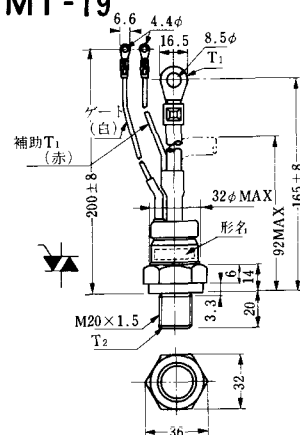
MT-17



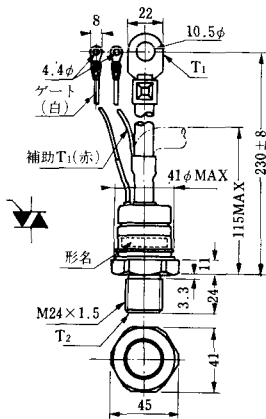
MT-18



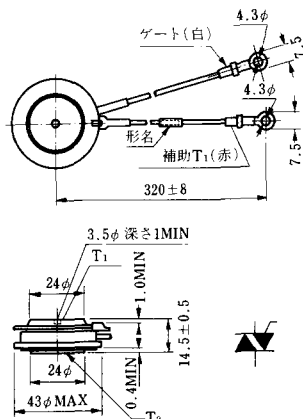
MT-19



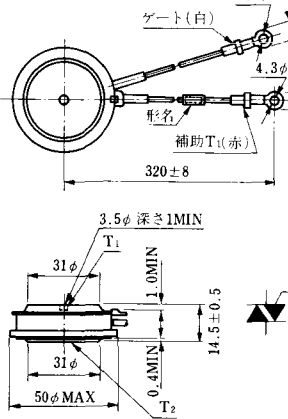
MT-20



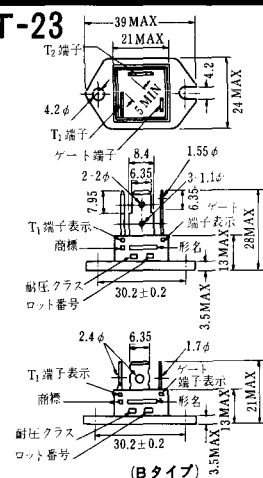
MT-21



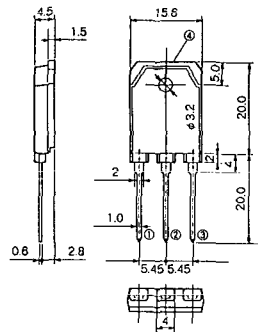
MT-22



MT-23



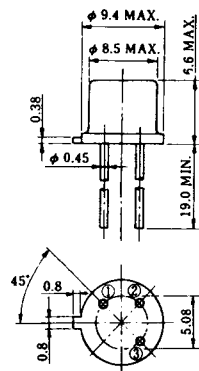
MT-24



TO - 3P

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

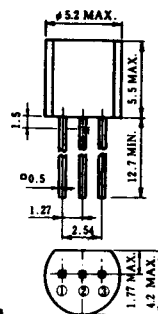
N-1



電極接続

- ① カソード
- ② ゲート
- ③ アノード

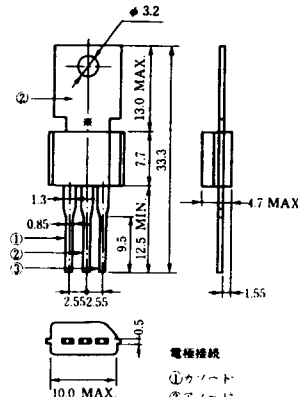
N-2



電極接続

- ① ゲート
- ② アノード
- ③ カソード

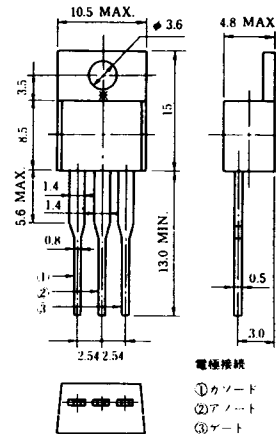
N-3



電極接続

- ① カソード
- ② アノード
- ③ ゲート

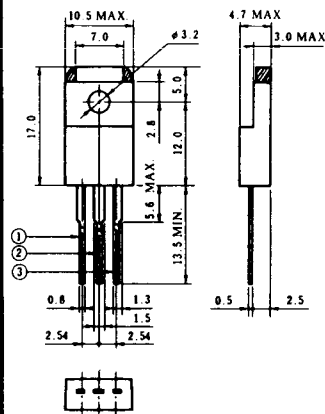
N-4



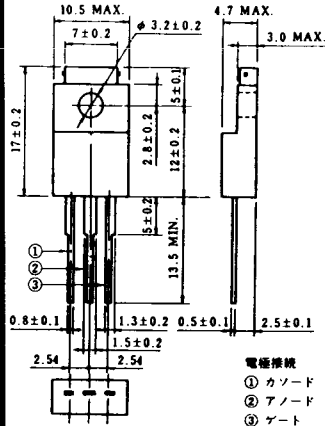
電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-5



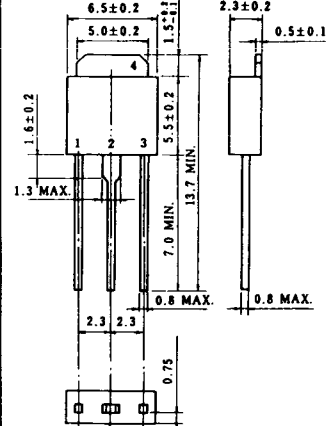
N-6



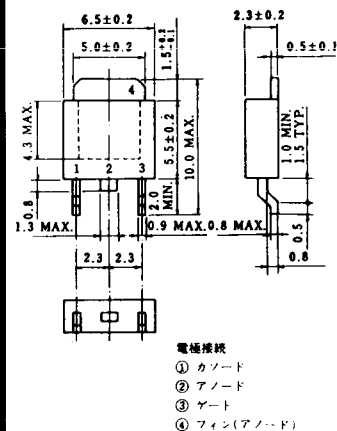
電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-7



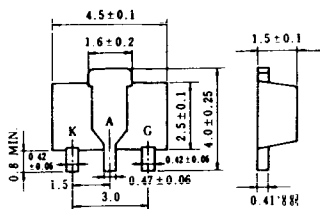
N-8



電極接続

- ① カソード
- ② アノード
- ③ ゲート
- ④ フィン(アノード)

N-9



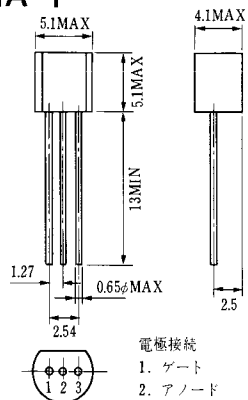
電極接続

K : カソード

A : アノード

G : ゲート

NA-1

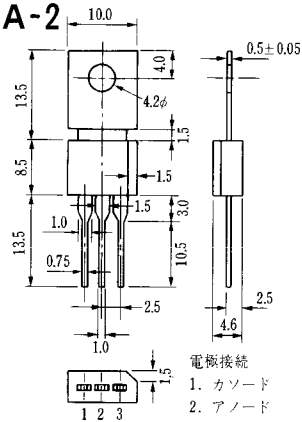


電極接続

1. ゲート
2. アノード
3. カソード

JEDEC: TO-92

NA-2



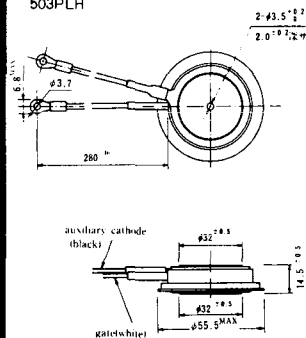
電極接続

1. カソード
2. アノード
3. ゲート

JEDEC: TO-202AA

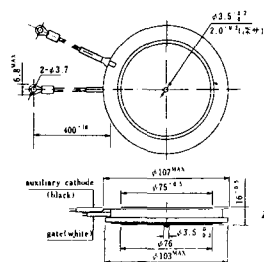
NI-16

503PLF
503PLH



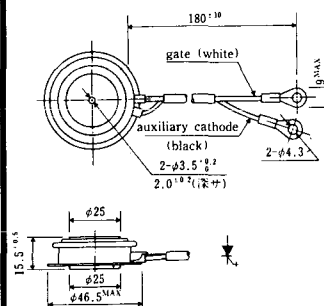
NI-17

3003PA



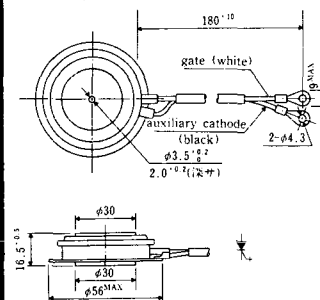
NI-18

353PGA「E



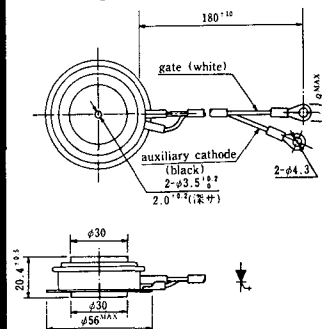
NI-19

603PGA, 603PGA「A, 803PGA



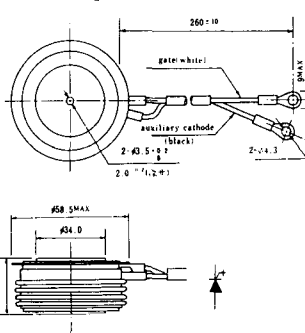
NI-20

603PGA「E



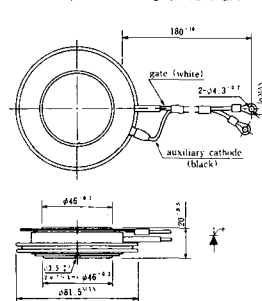
NI-21

1001PGB「E



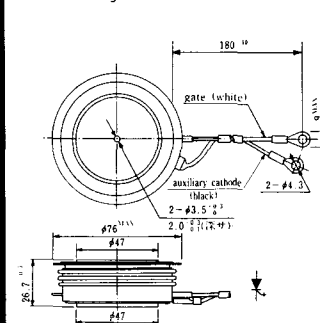
NI-22

1201PGA, 1201PGA「A, 1401PGA



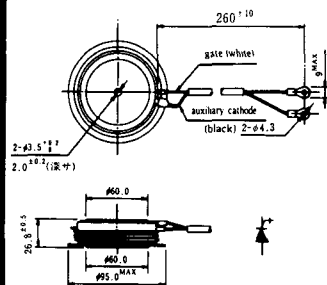
NI-23

1201PGA「E



NI-24

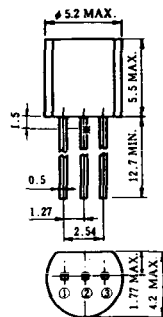
2001PGB¹ J_E



NI-25

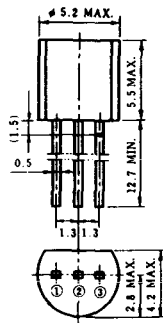
NI-26

NT-1



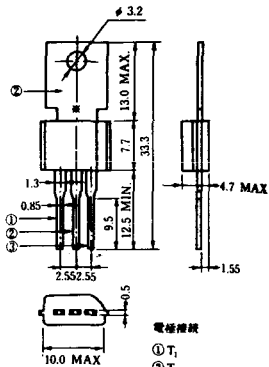
電極接続
① T₁
② ゲート
③ T₂

NT-2



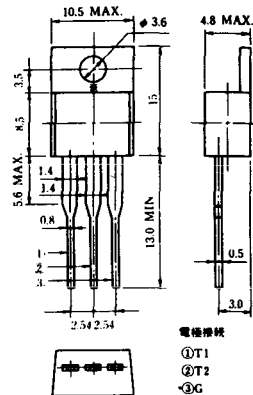
電極接続
① T₁
② ゲート
③ T₂

NT-3



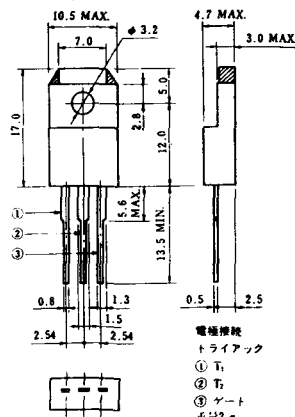
電極接続
① T₁
② T₂
③ ゲート

NT-4



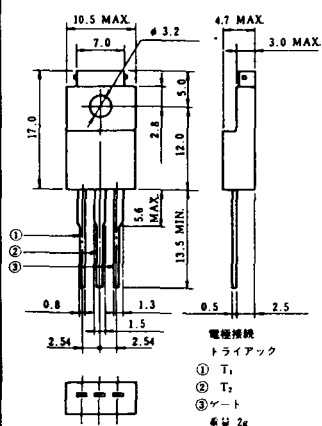
電極接続
① T₁
② T₂
③ G

NT-5



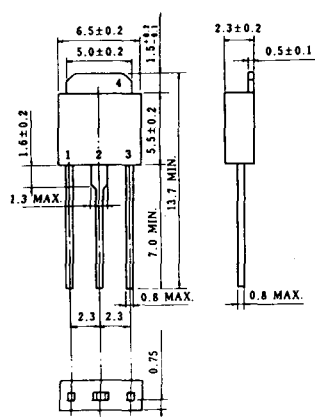
電極接続
トライアック
① T₁
② T₂
③ ゲート
※ 2g

NT-6

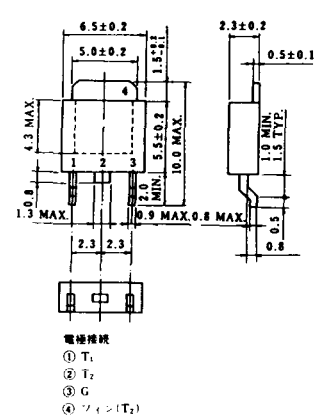


電極接続
トライアック
① T₁
② T₂
③ ゲート
※ 2g

NT-7

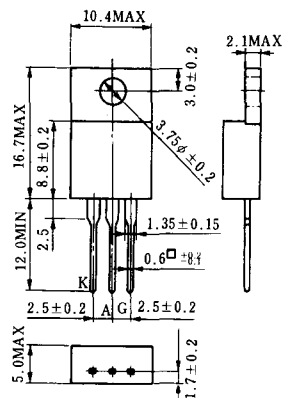


NT-8

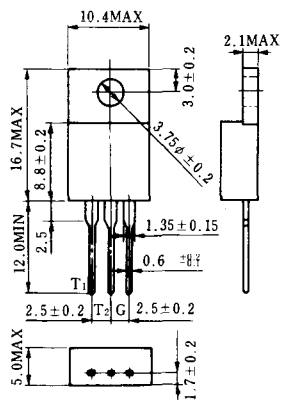


電極接続
① T₁
② T₂
③ G
④ フォイン(T₂)

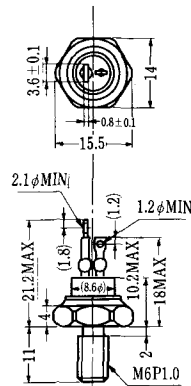
S-1



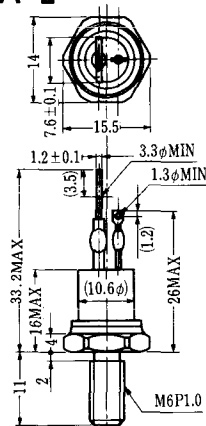
ST-1



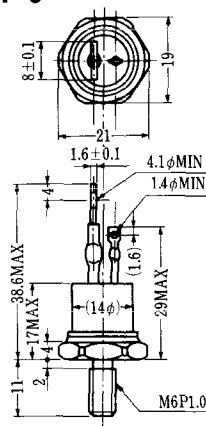
SA-1



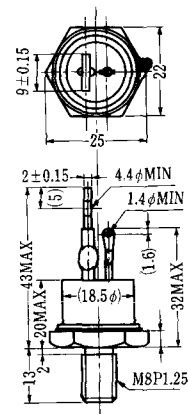
SA-2



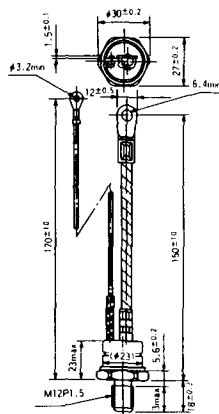
SA-3



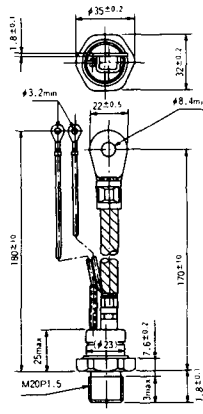
SA-4



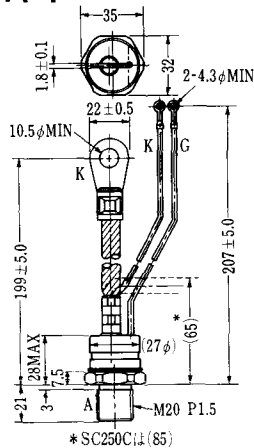
SA-5



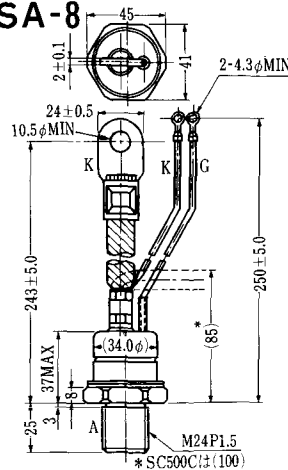
SA-6



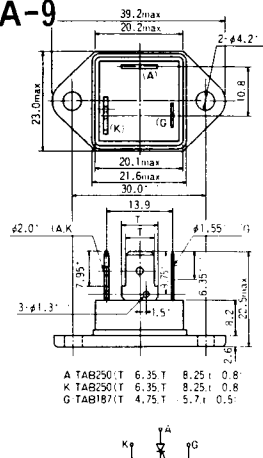
SA-7



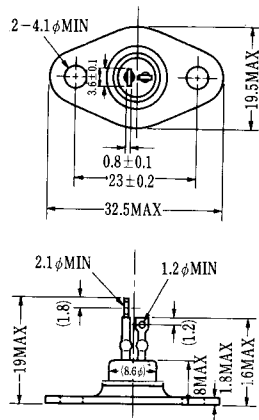
SA-8



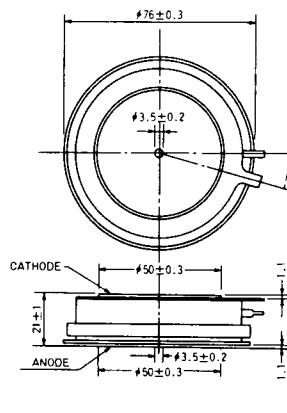
SA-9



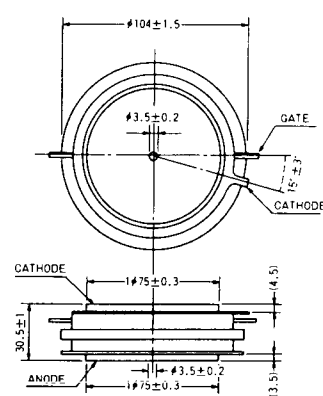
SA-10



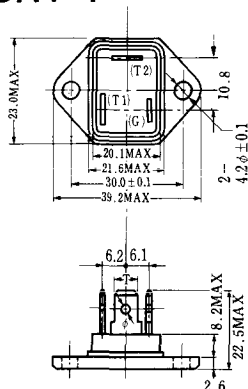
SA-11



SA-12

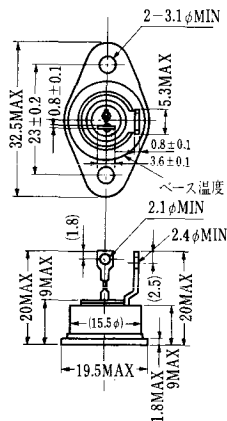


SAT-1



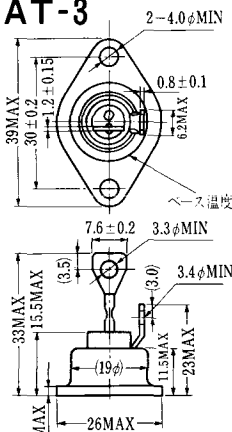
T1端子: ファストン 250 (T=6.35, t=0.8, φ=1.65)
 T2端子: ファストン 250 (T=6.35, t=0.8, φ=1.65)
 G 端子: ファストン 187 (T=4.75, t=0.5, φ=1.3)

SAT-2

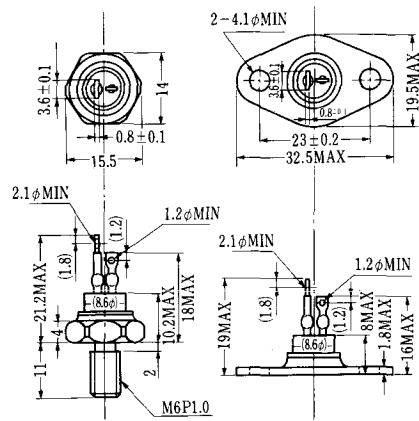


スペース留め

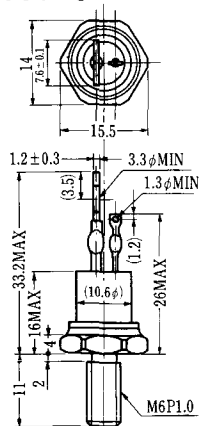
SAT-3



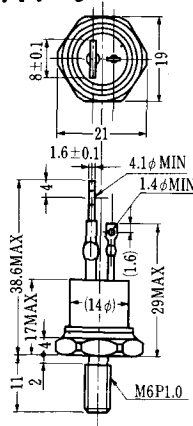
SAT-4



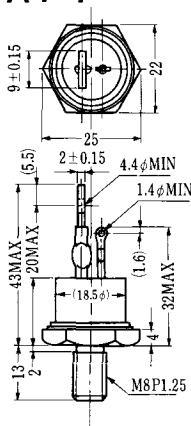
SAT-5



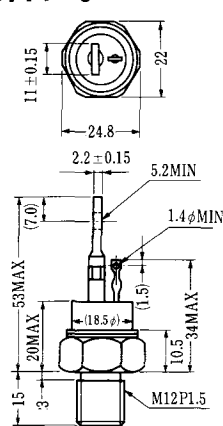
SAT-6



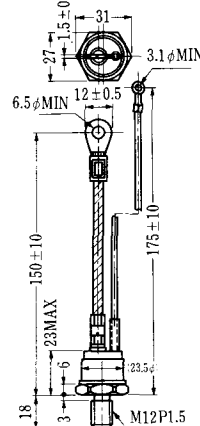
SAT-7



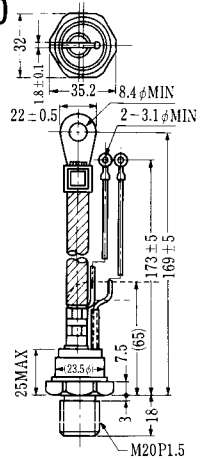
SAT-8



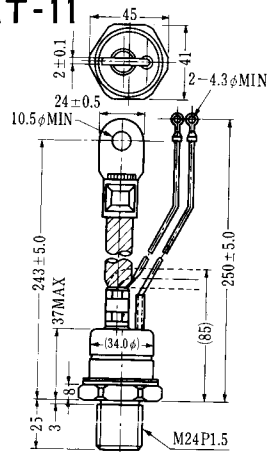
SAT-9



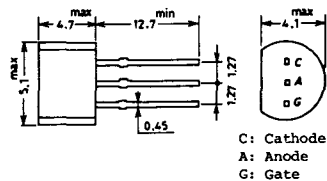
SAT-10



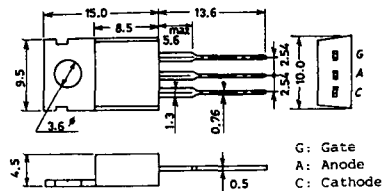
SAT-11



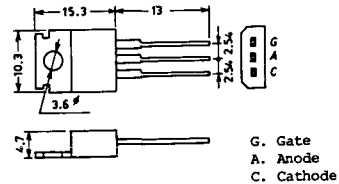
SY-1(1096A)



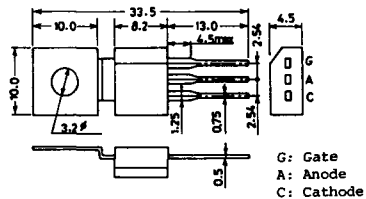
SY-2(1151)



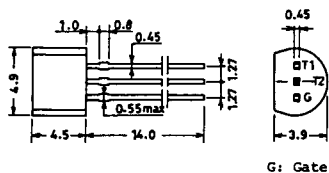
SY-3(1104)



SY-4(1150)

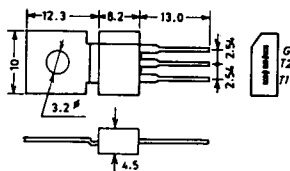


1097A

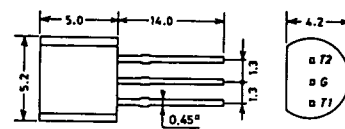


G: Gate

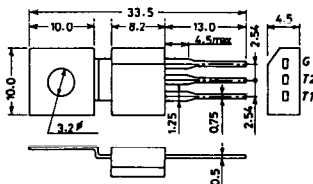
1102



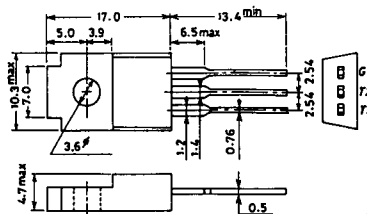
1141



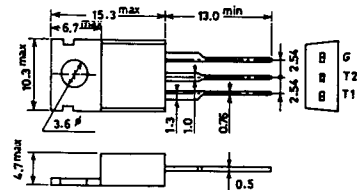
1142



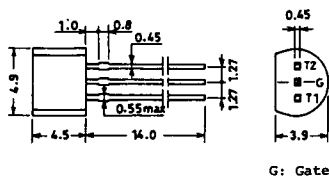
1144



1155

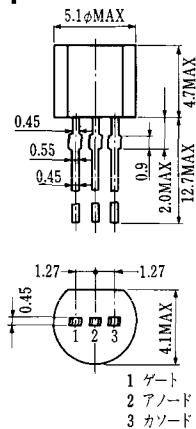


1192A

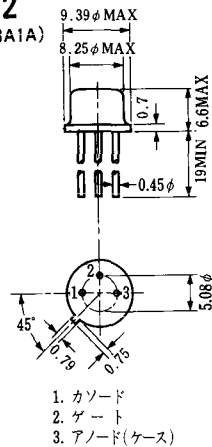


G: Gate

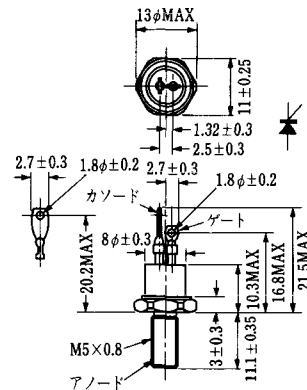
T-1 (13-5A1A)



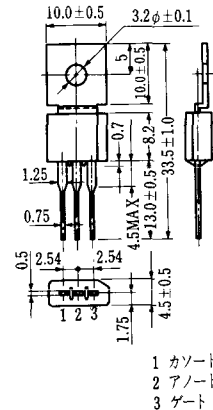
T-2 (13-8A1A)



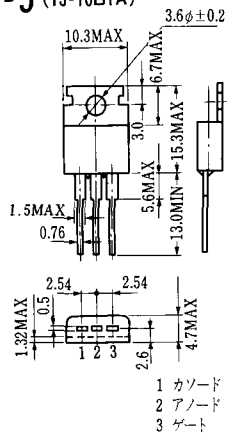
T-3 (13-8C1A)



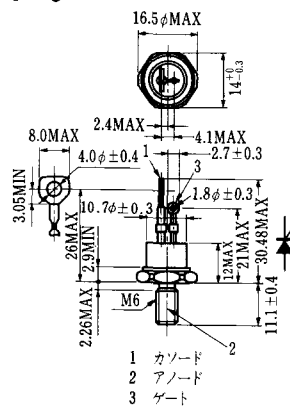
T-4 (13-10A1A)



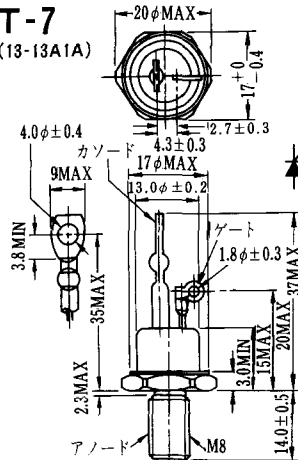
T-5 (13-10B1A)



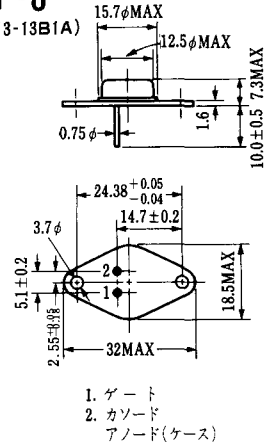
T-6 (13-11D1A)



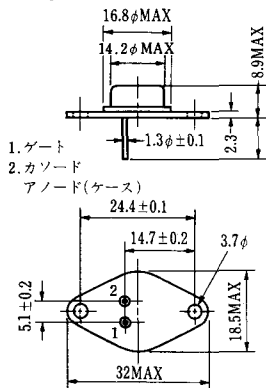
T-7 (13-13A1A)



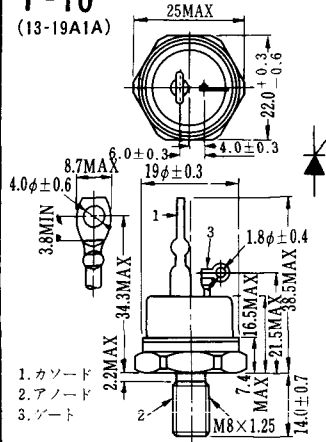
T-8 (13-13B1A)



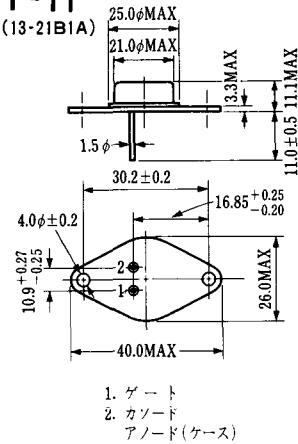
T-9 (13-14A1A)



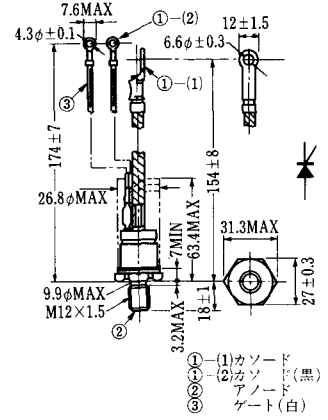
T-10 (13-19A1A)



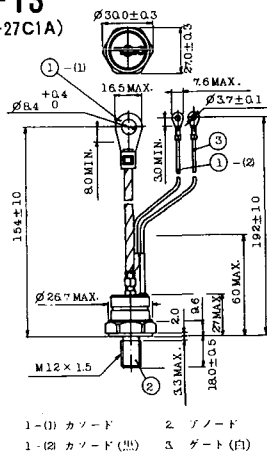
T-11 (13-21B1A)



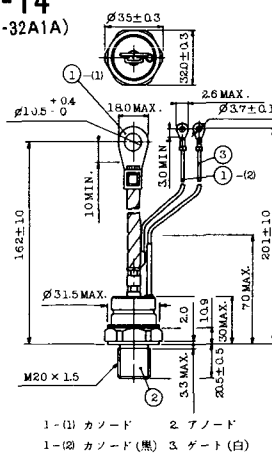
T-12 (13-27B1B)



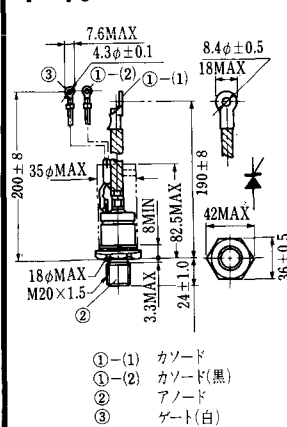
T-13 (13-27C1A)



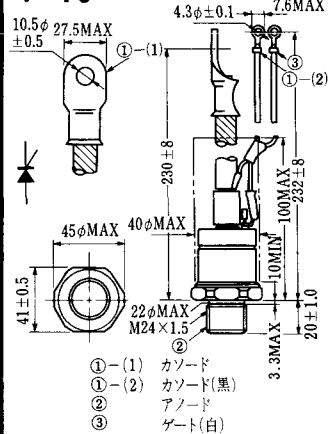
T-14 (13-32A1A)



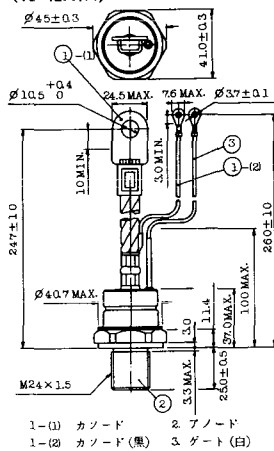
T-15 (13-35C1B)



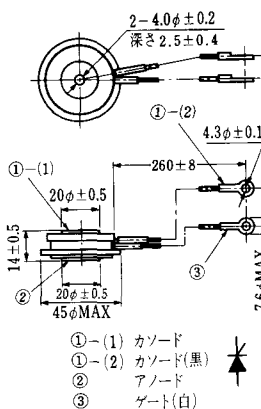
T-16 (13-40B1A)



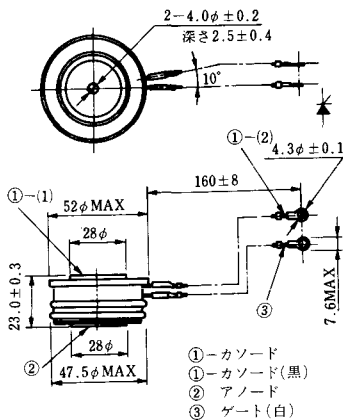
T-17 (13-42A1A)



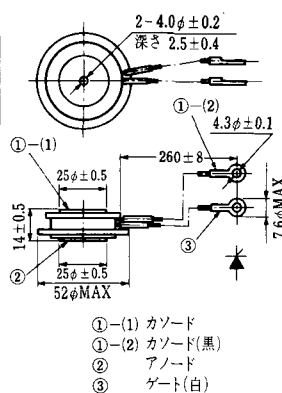
T-18 (13-45D1A)



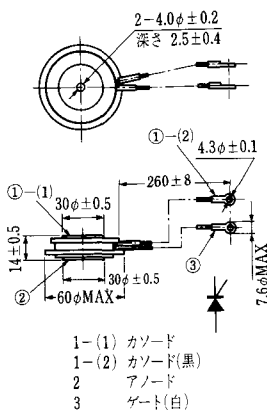
T-19 (13-52B1A)



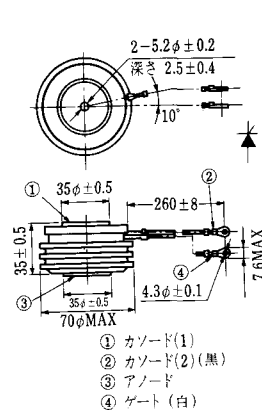
T-20 (13-52C1A)



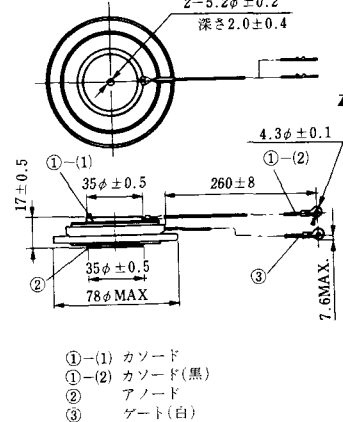
T-21 (13-60A1A)



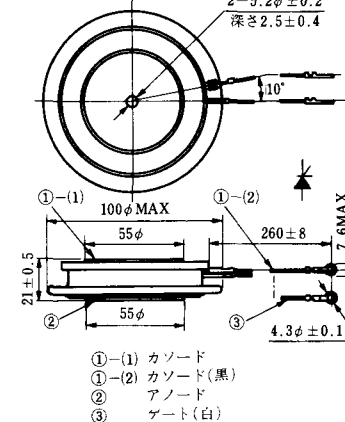
T-22 (13-70C1A)



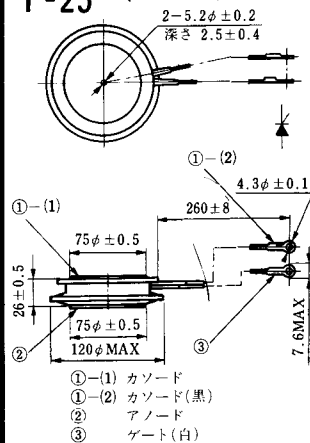
T-23 (13-78A1A)



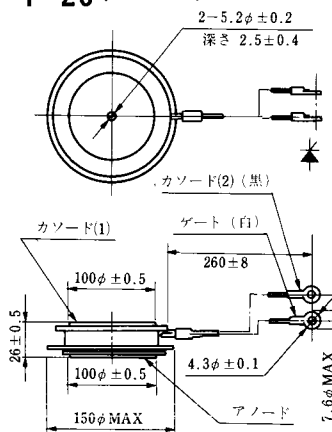
T-24 (13-100C1A)



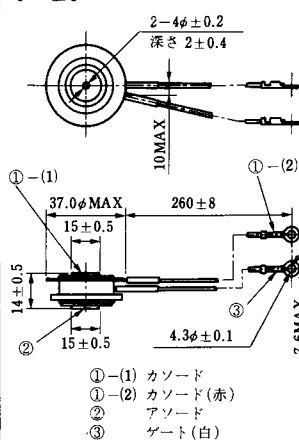
T-25 (13-120A2A)



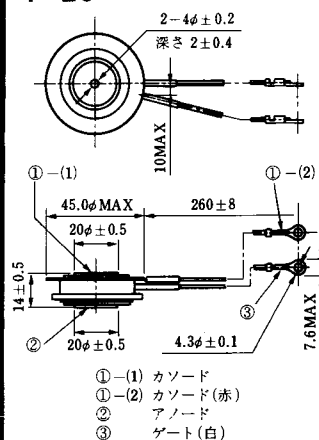
T-26 (13-150A1A)



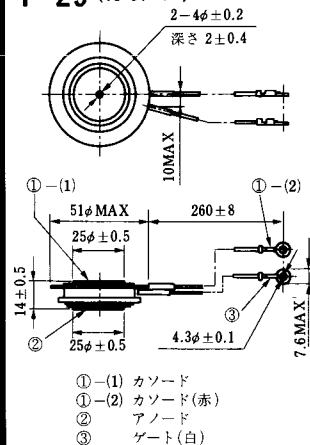
T-27 (13-37A1A)



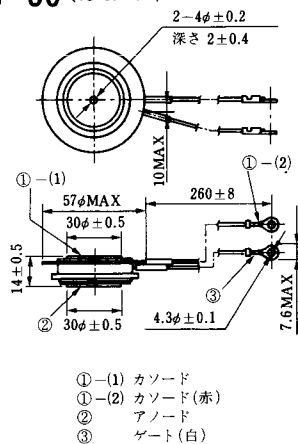
T-28 (13-45E1A)



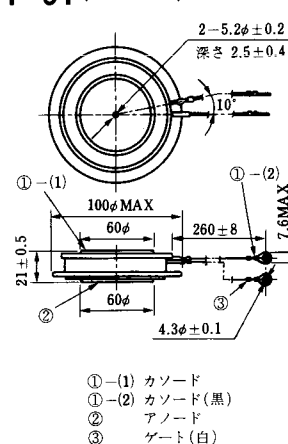
T-29 (13-51A1A)



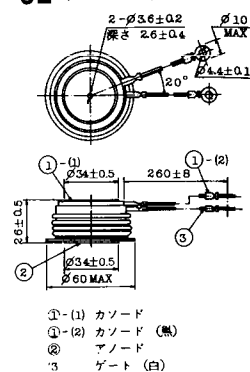
T-30 (13-57A1A)



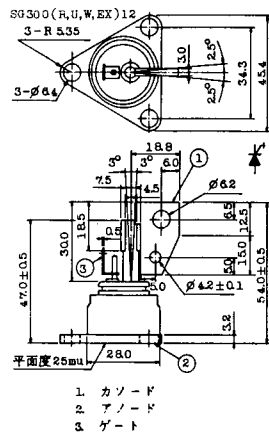
T-31 (13-100E1A)



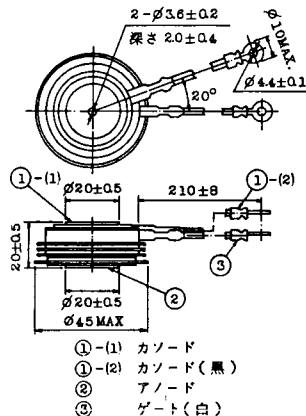
T-32 (13-60E3A)



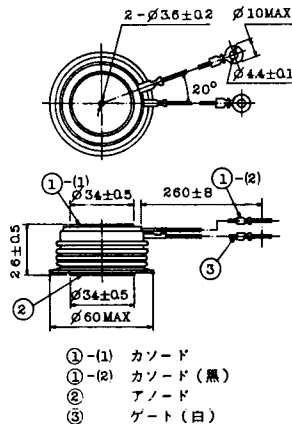
T-41 (13-28A2A)



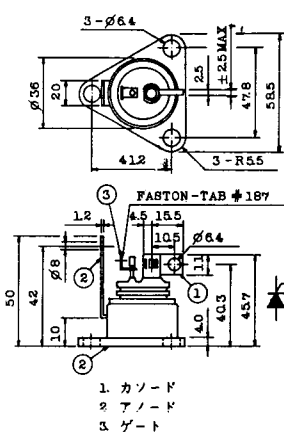
T-42 (13-45F1A)



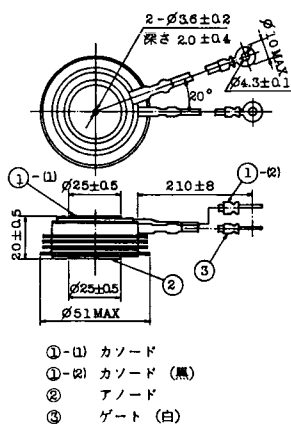
T-43 (13-60E2A)



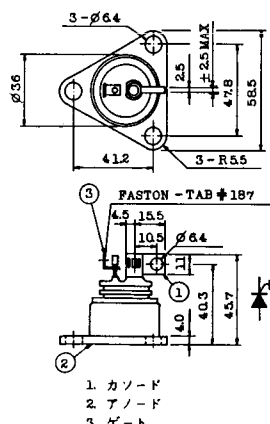
T-44 (13-36A1A)



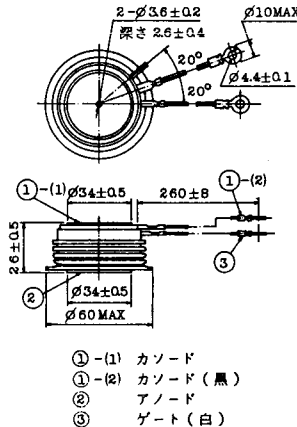
T-45 (13-51B1A)



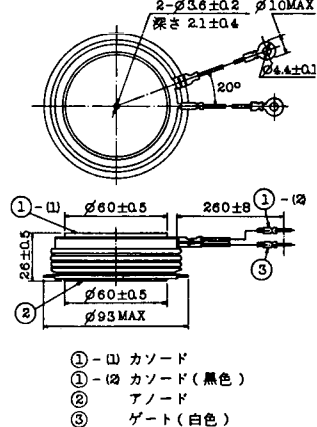
T-46 (13-36B1A)



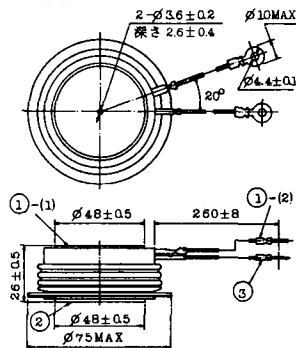
T-47 (13-60E1A)



T-48 (13-93C1A)

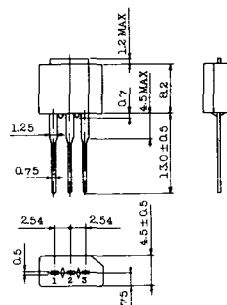


T-49 (13-75A1A)



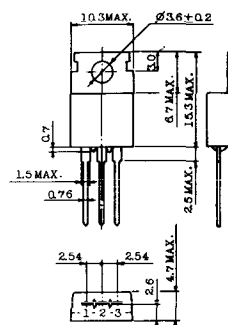
- 1-(1) カソード
1-(2) カソード (黒)
2 アノード
3 ゲート (白)

T-50 (13-10A3A)



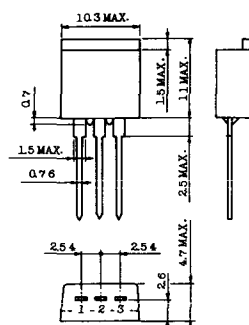
- 1 カソード
2 アノード
3 ゲート

T-51 (13-10D1A)



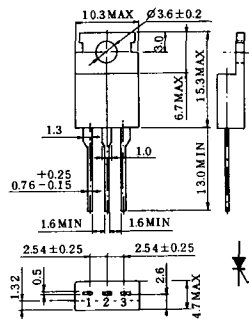
- 1 カソード
2 アノード
3 ゲート

T-52 (13-10D2A)



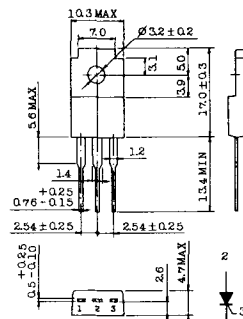
- 1 カソード
2 アノード
3 ゲート

T-53 (13-10E1B)



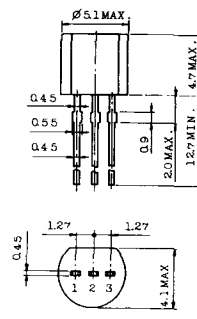
- 1 カソード
2 アノード
3 ゲート

T-54 (13-10F1B)



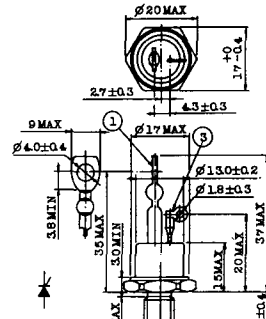
- 1 カソード
2 アノード
3 ゲート

T-55 (13-5A1D)



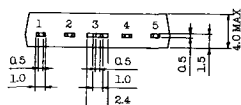
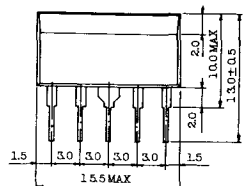
- 1 カソード
2 ゲート
3 アノード

T-56 (13-13C1A)



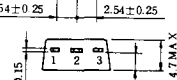
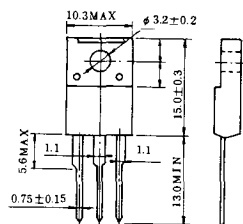
- 1 カソード
2 アノード
3 ゲート

T-57 (12-16C1A)



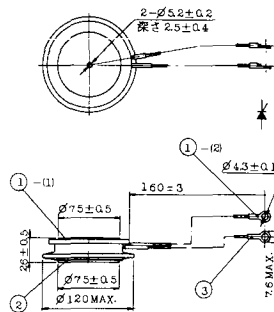
1. アノード (主)
2. ゲート (主)
3. カソード (共通)
4. ゲート (補助)
5. アノード (補助)

T-58 (13-10H1B)



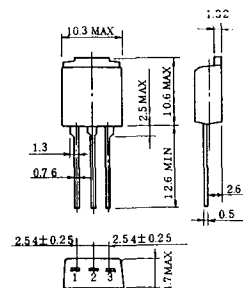
1. カソード
2. アノード
3. ゲート

T-59 (13-120A1A)



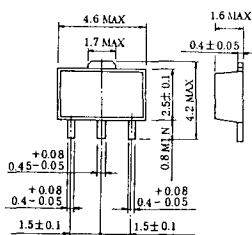
- 1-11 カソード
- 1-12 カソード (黒)
- 2 アノード
- 3 ゲート (白)

T-60



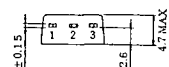
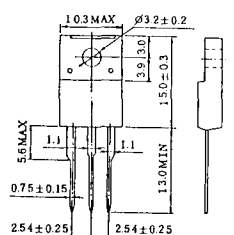
1. カソード
2. アノード
3. ゲート

T-61 (13-5B1A)



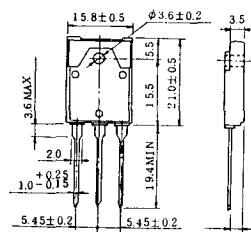
1. ゲート
2. アノード
3. カソード

T-62 (13-10H1A)



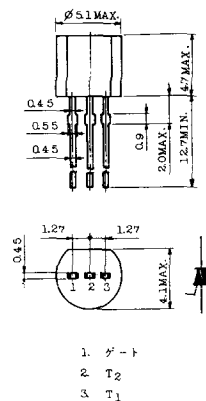
1. カソード
2. アノード
3. ゲート

T-63 (13-16A1B)

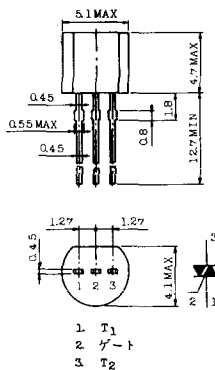


1. カソード
2. アノード
3. ゲート

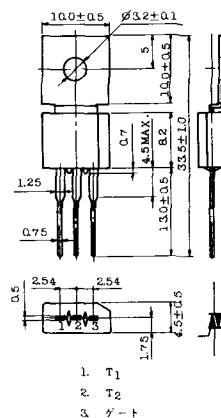
TT-1



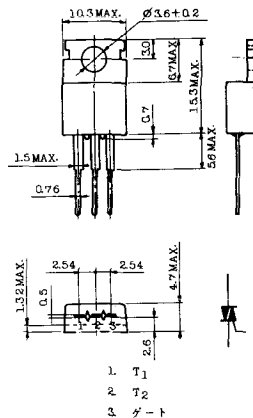
TT-2



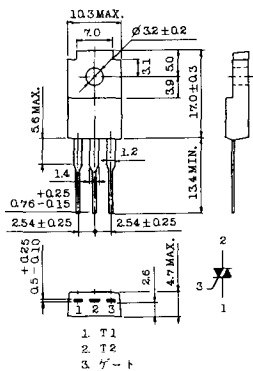
TT-3



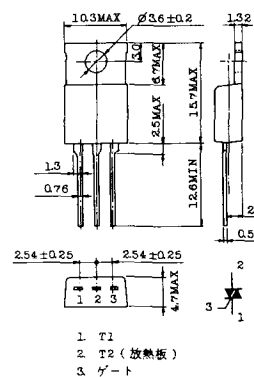
TT-4



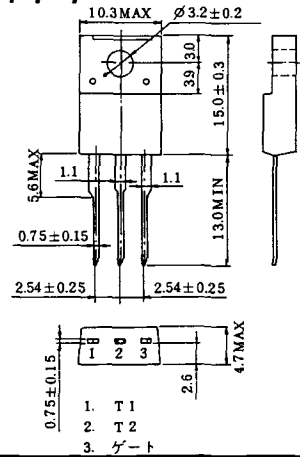
TT-5



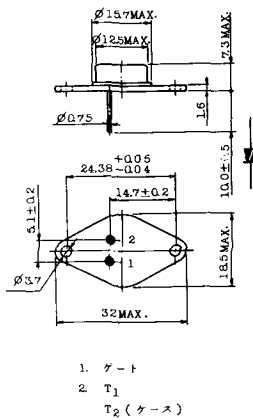
TT-6



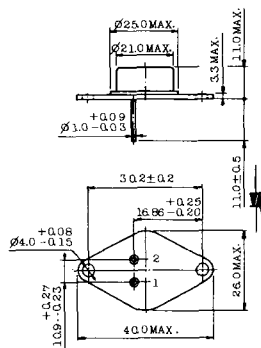
TT-7



TT-8

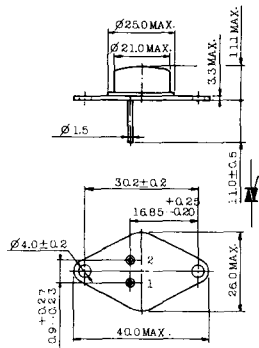


TT-9



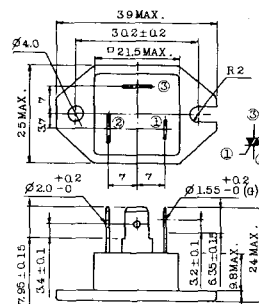
1. ゲート
2. T₁
3. T₂ (ケース)

TT-10



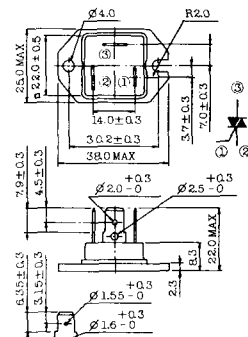
1. ゲート
2. T₁
3. T₂ (ケース)

TT-11



1. ゲート (ファストン端子 #187)
2. T₁ (" #250)
3. T₂ (" #250)

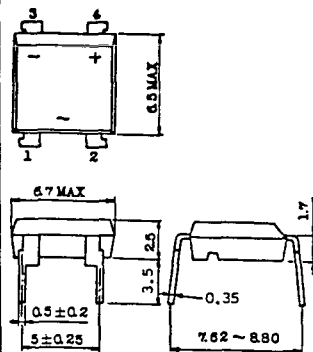
TT-12



ゲート端子詳細

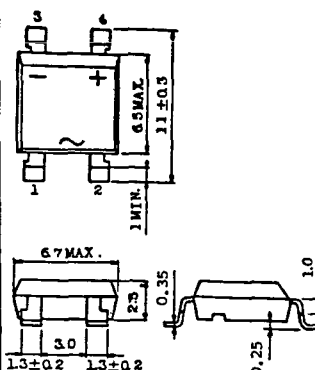
- ① ゲート (ファストン端子 #187)
- ② T₁ (" #250)
- ③ T₂ (" #250)

TT-13



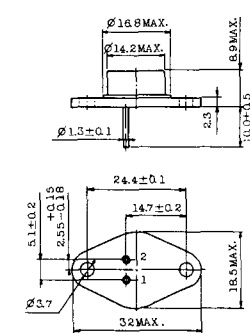
- 1, 2: T₂
- 3: GATE
- 4: T₁

TT-14



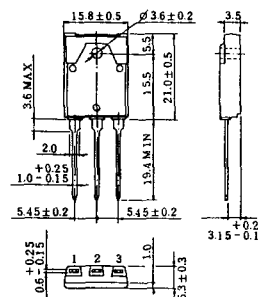
- 1, 2: T₂
- 3: GATE
- 4: T₁

TT-15 (13-14A1B)



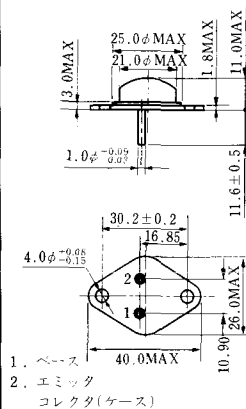
1. ゲート
2. T₁
- T₂ (ケース)

TT-16 (13-16A1A)

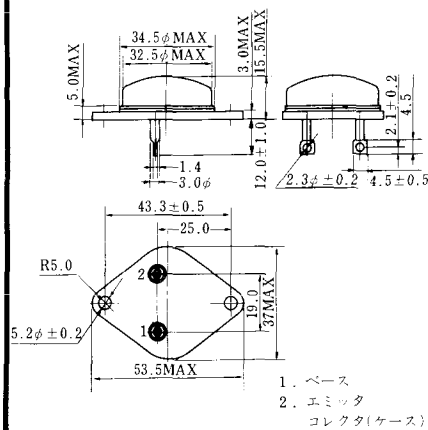


1. T₁
2. T₂
3. ゲート

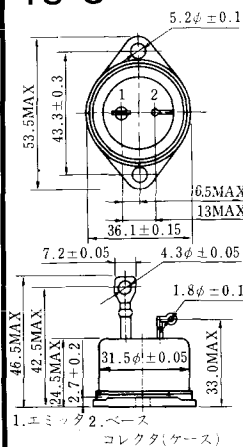
TS-1



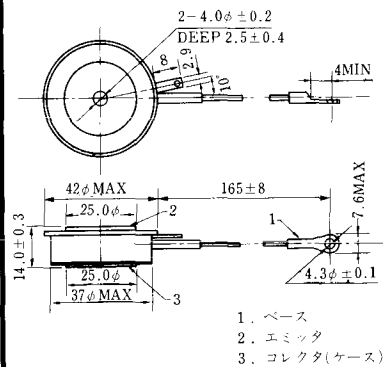
TS-2



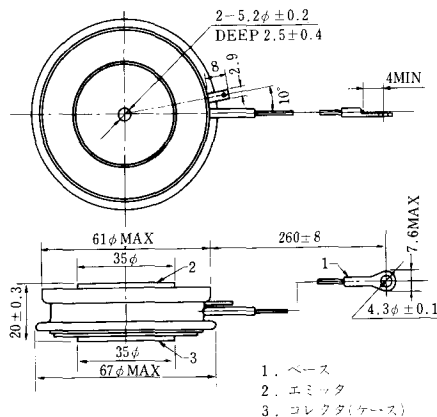
TS-3



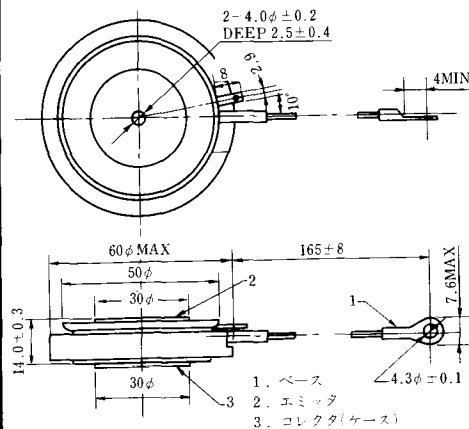
TS-4



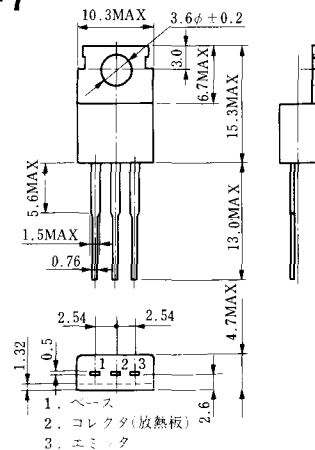
TS-5

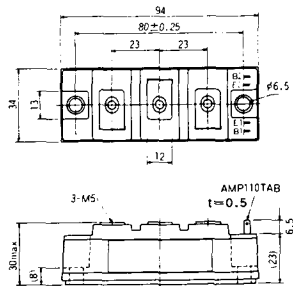
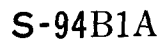
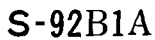
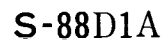
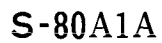


TS-6

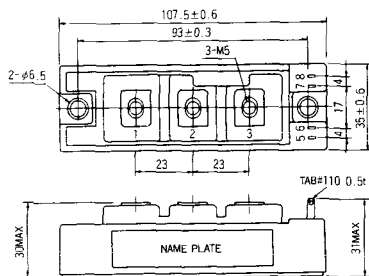


TS-7

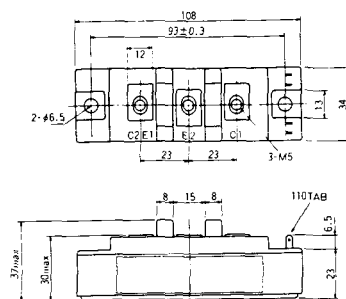




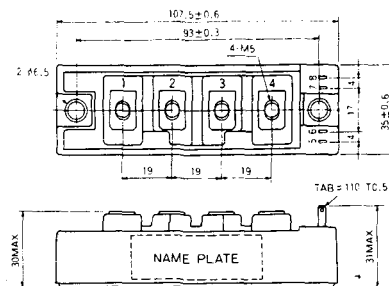
S-108B1A



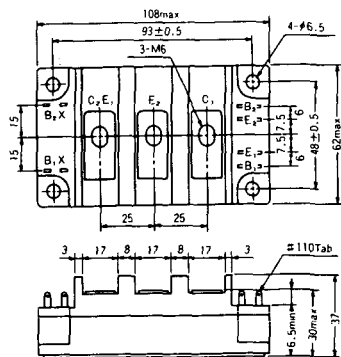
S-108B1B



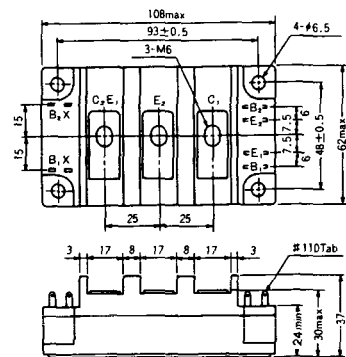
S-108B1C



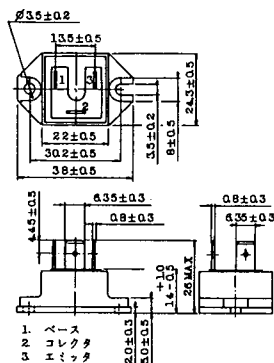
S-108B2A



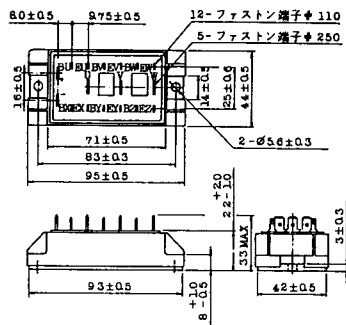
S-108B2B



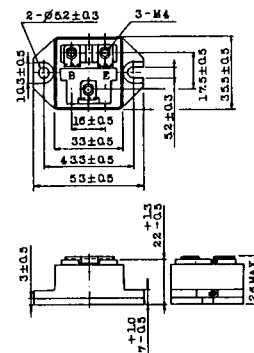
2-22B1A



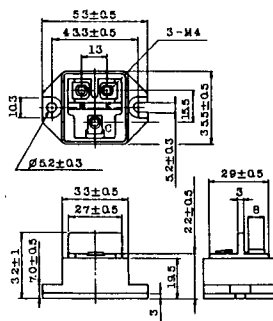
2-27A4A



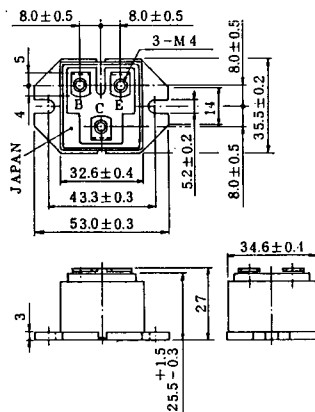
2-33C1A



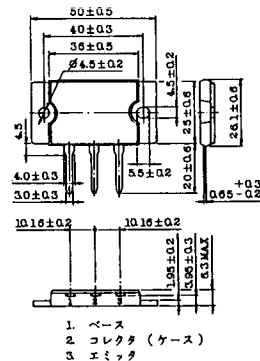
2-33D1A



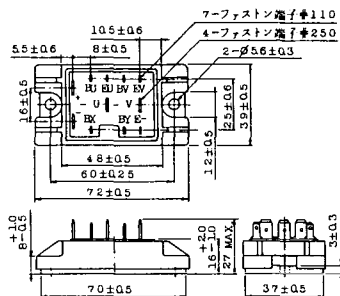
2-33F1A



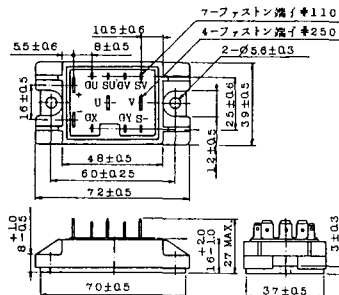
2-37A1A



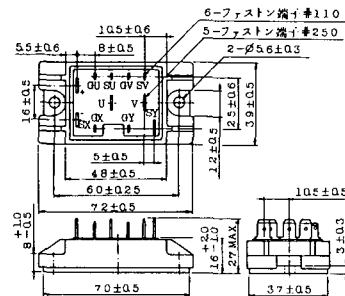
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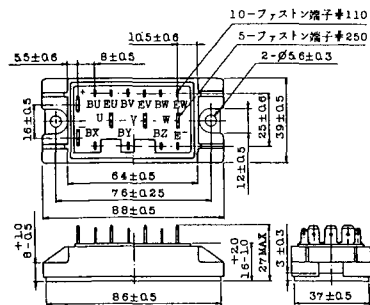
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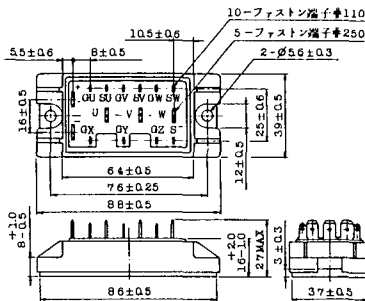
2-48A4A



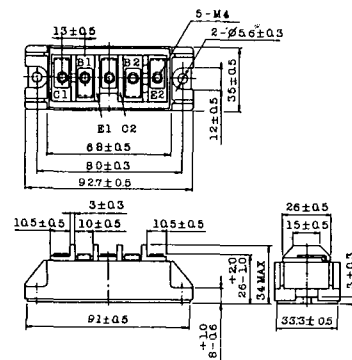
2-64A2A



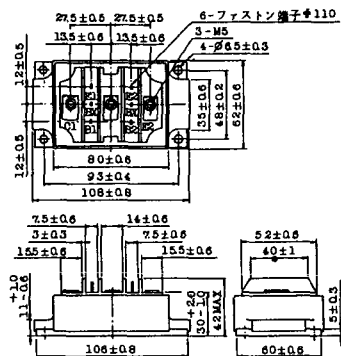
2-64A2B



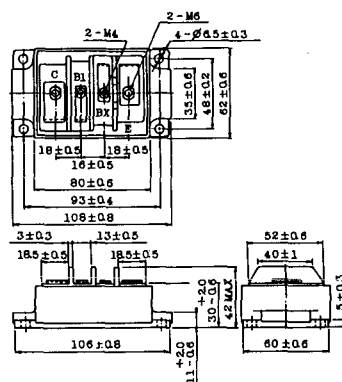
2-68A2A



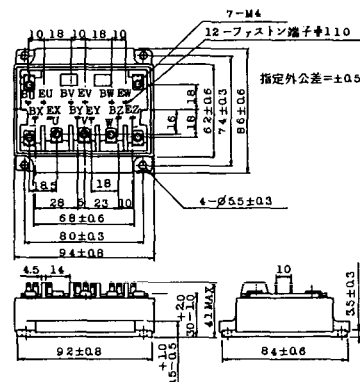
2-80C1A



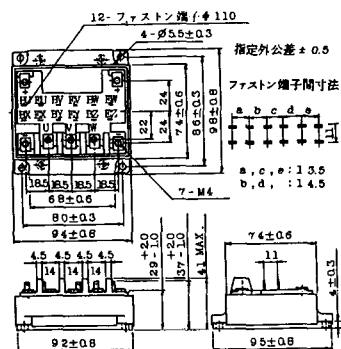
2-80D2A



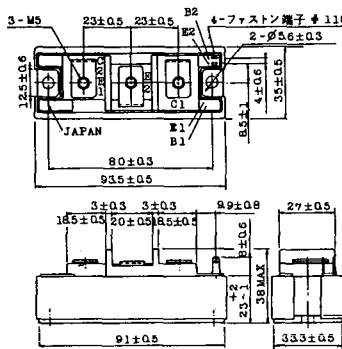
2-94A2A



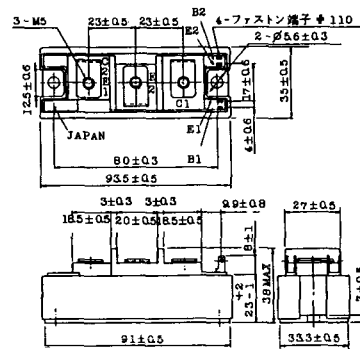
2-94B1A



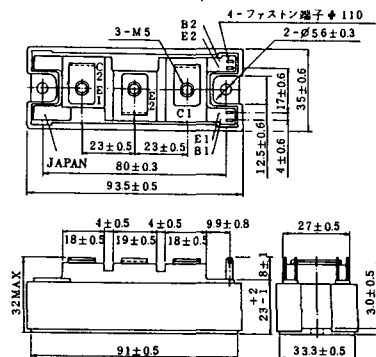
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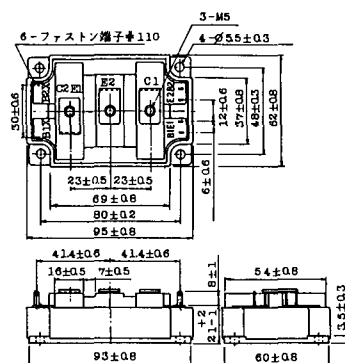
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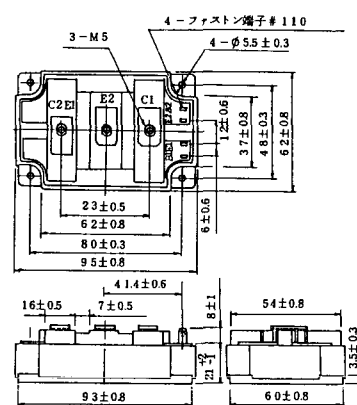
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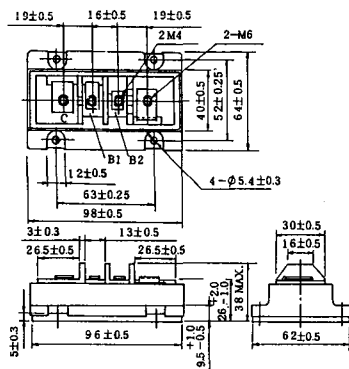
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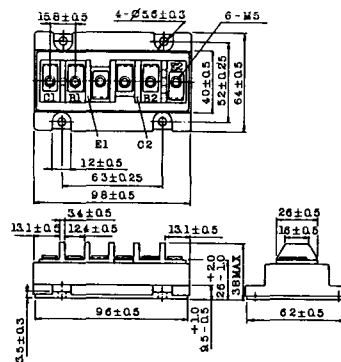
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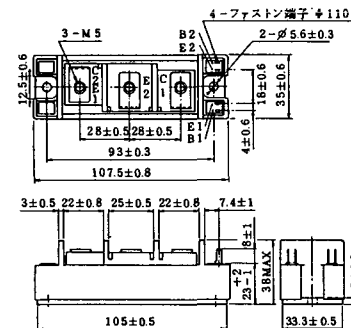
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2-98C2A

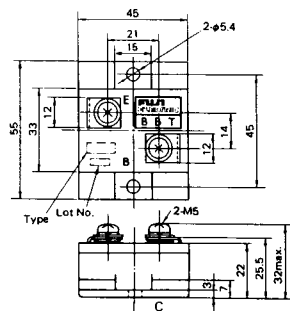


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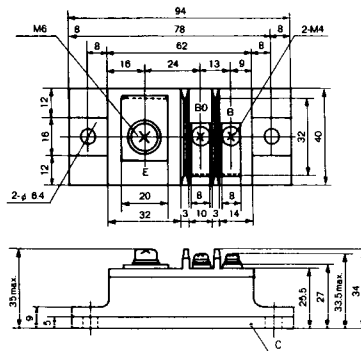
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BBTII
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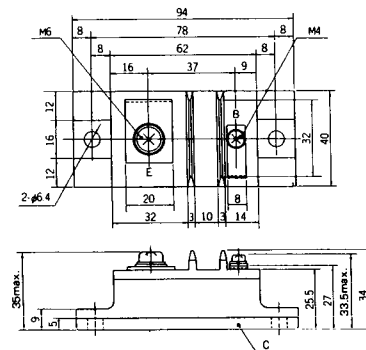
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BBTIII
ETN31-055
ETN36-030
ETN36-030
ETN35-030



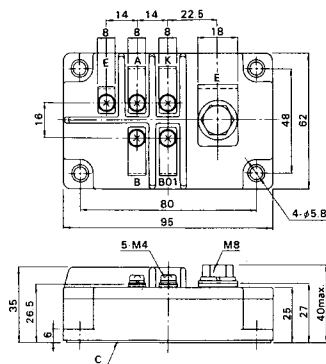
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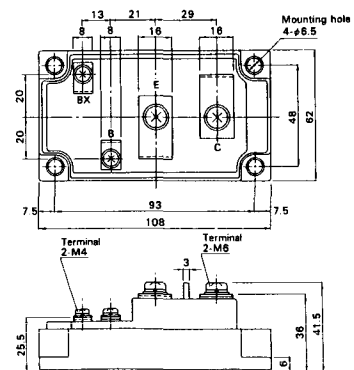
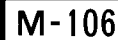
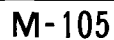
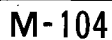
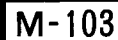
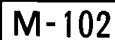
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ET1257



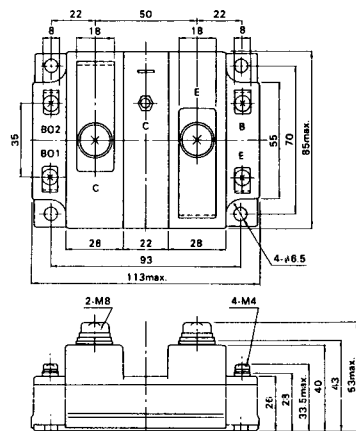
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BBTIV
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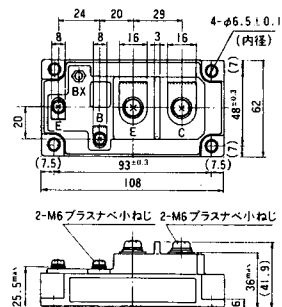




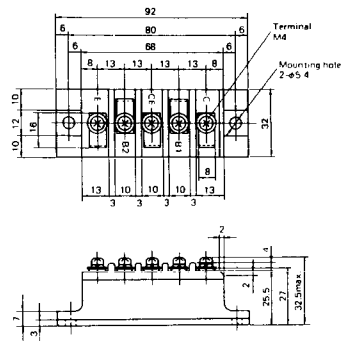
M-107



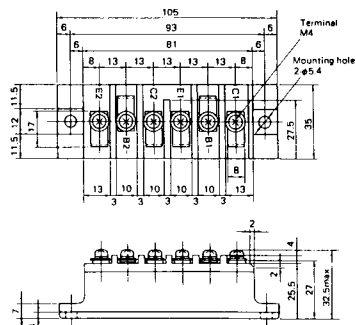
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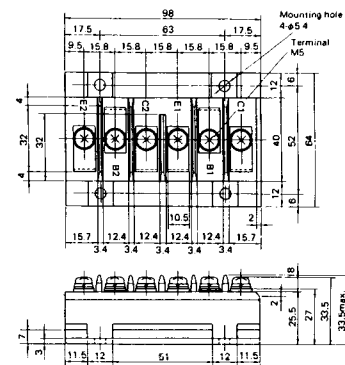
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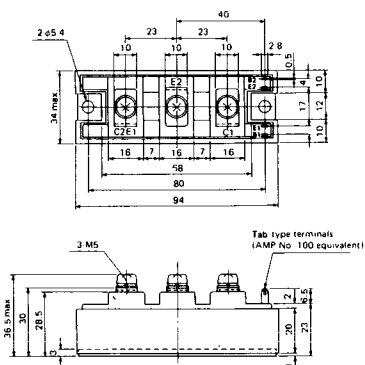
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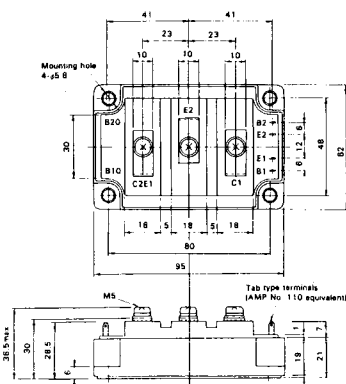
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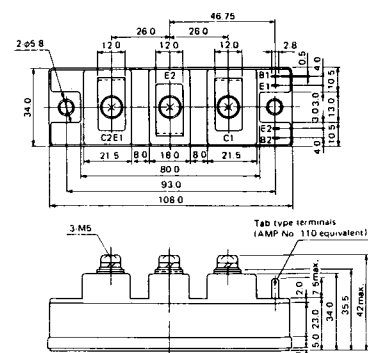
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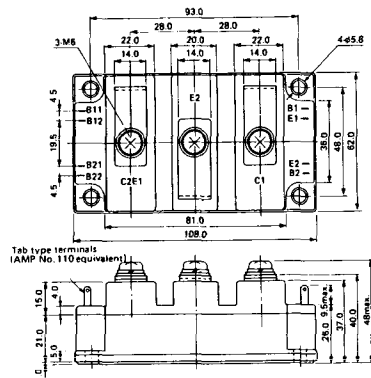
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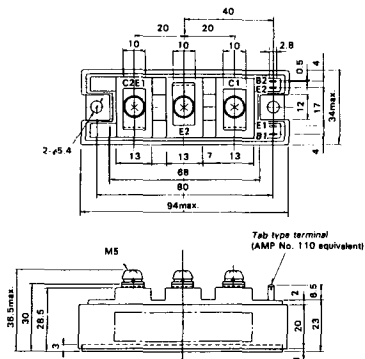
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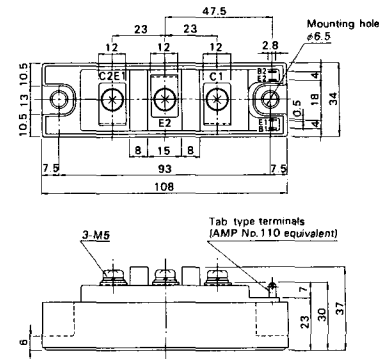
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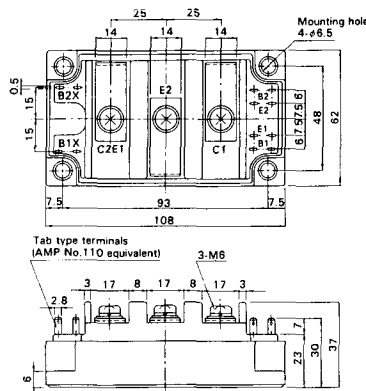
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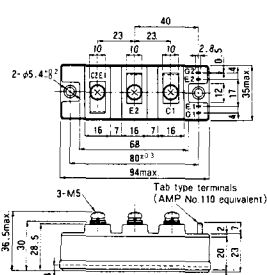
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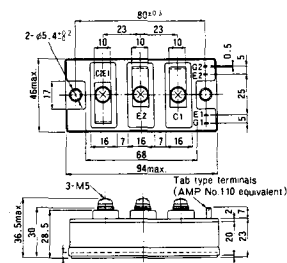
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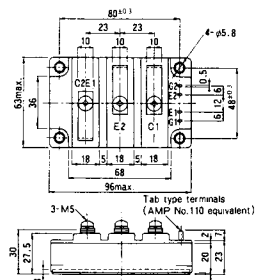
M-211



M-212

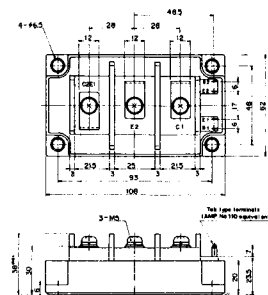


M-213

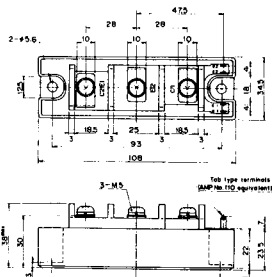


M-214

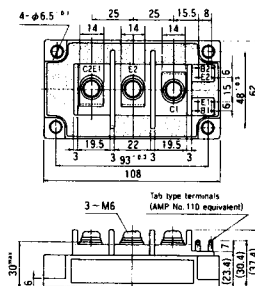
M-215



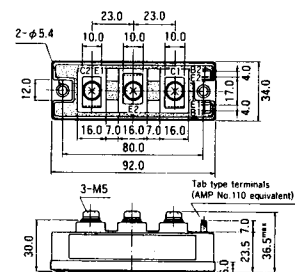
M-216



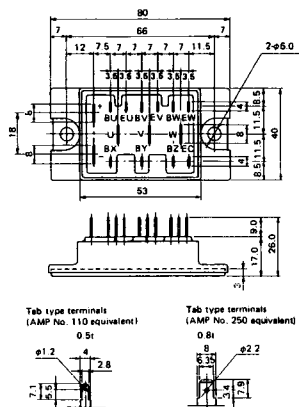
M-217



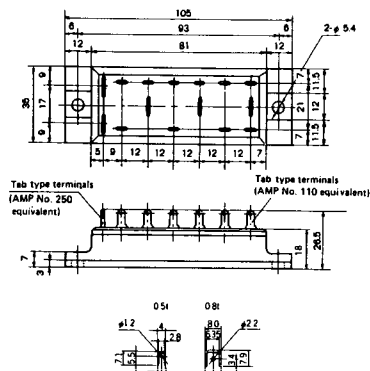
M-218



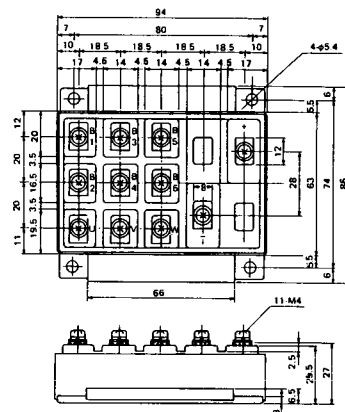
M-601



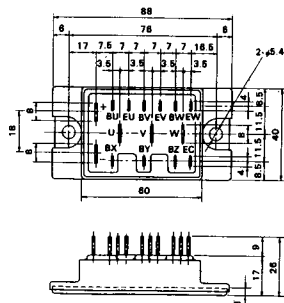
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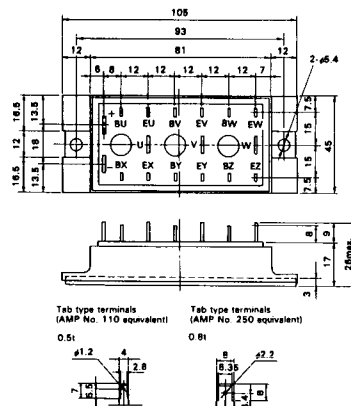
M-603



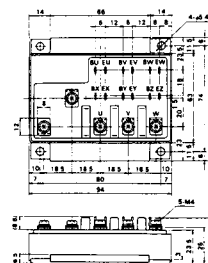
M-604



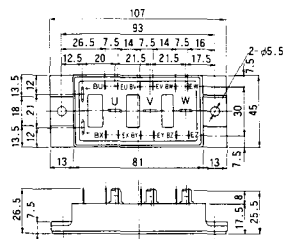
M-605



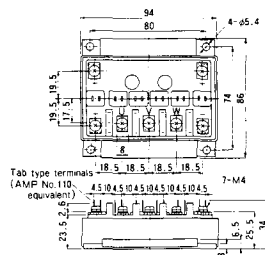
M-606



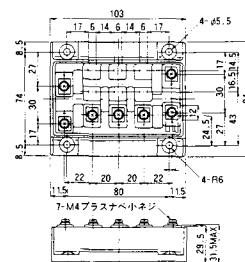
M-607



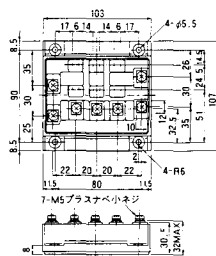
M-608



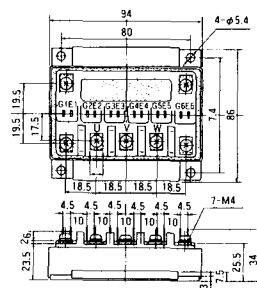
M-609



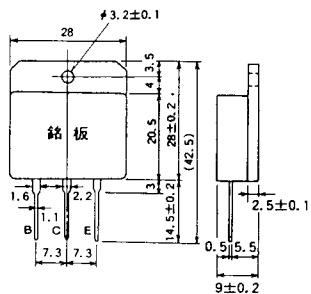
M-610



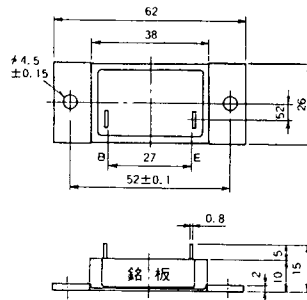
M-616



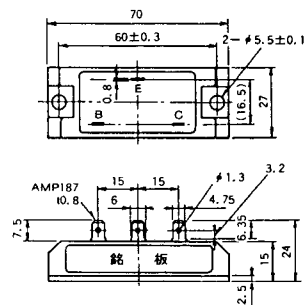
M-1A1A



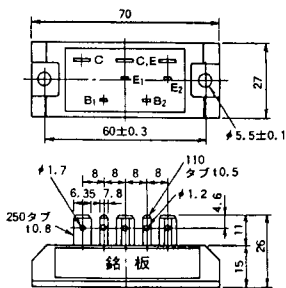
M-2A1A



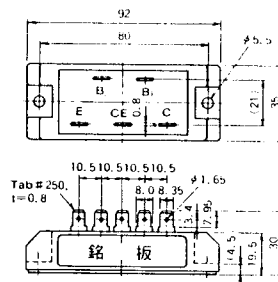
M-2B1A



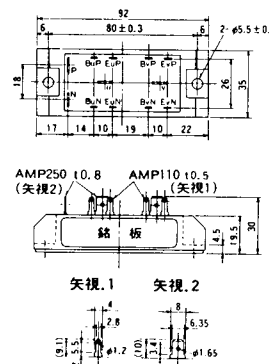
M-2B2A



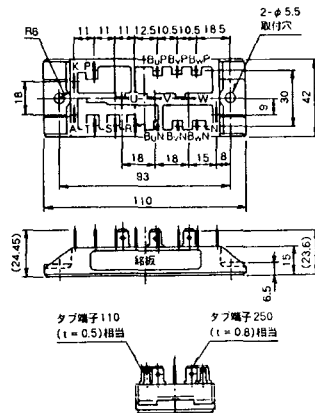
M-2C2A



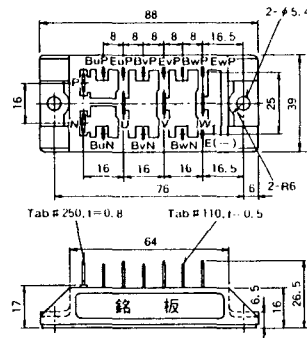
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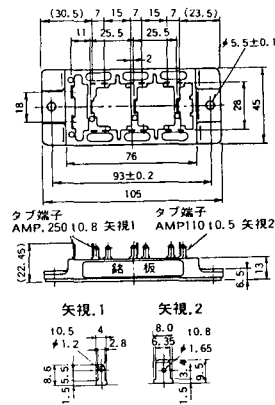
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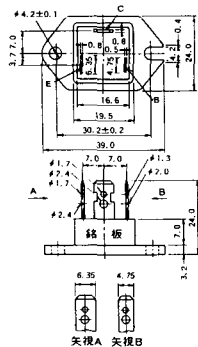
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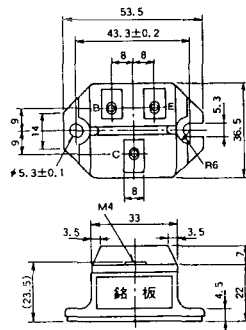
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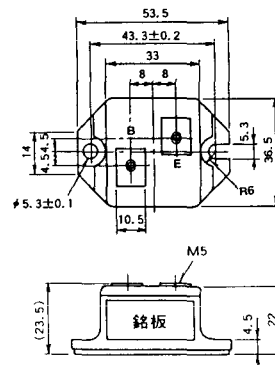
M-3A1A



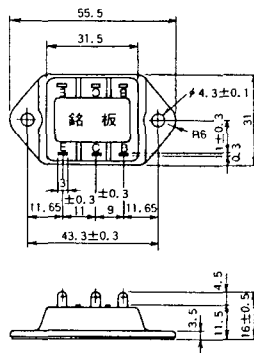
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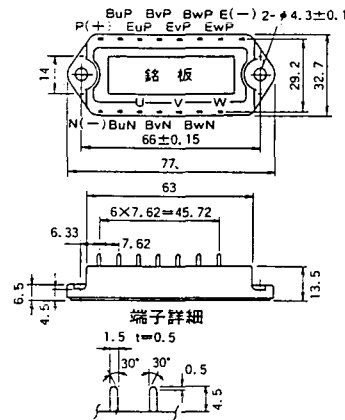
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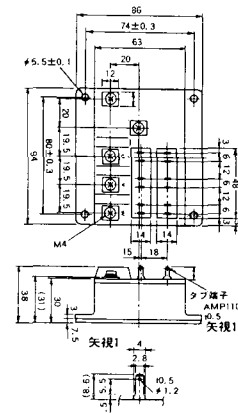
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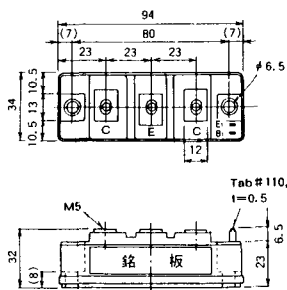
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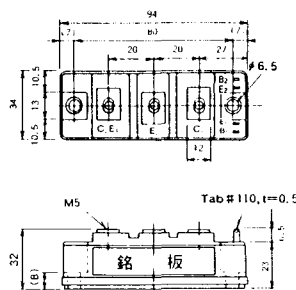
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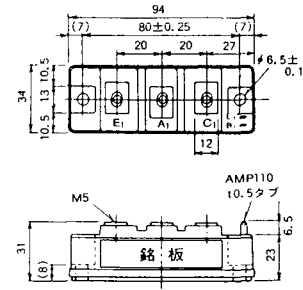
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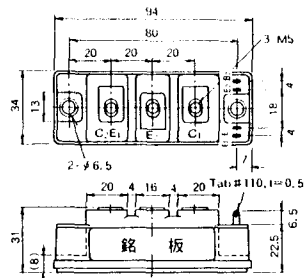
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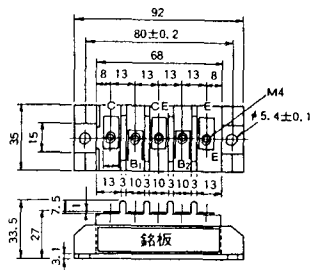
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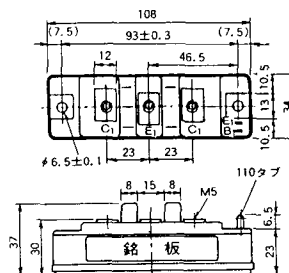
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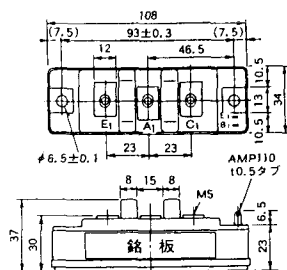
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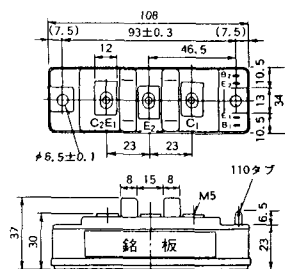
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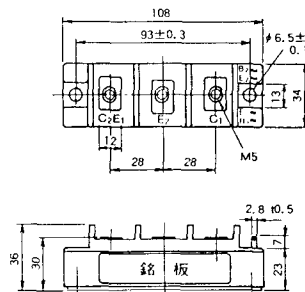
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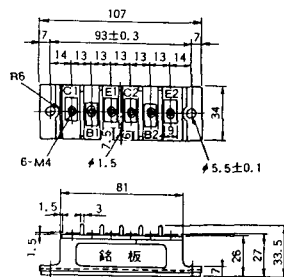
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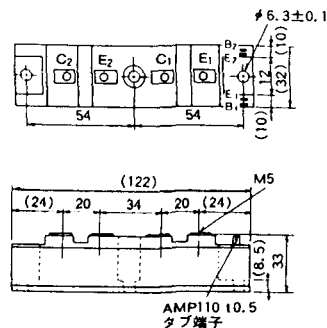
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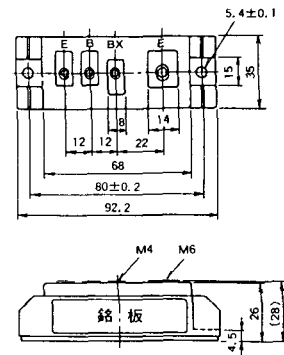
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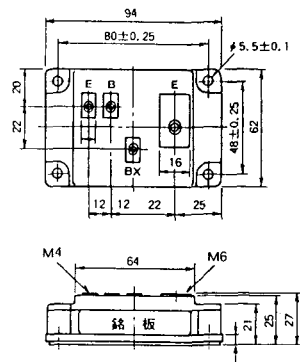
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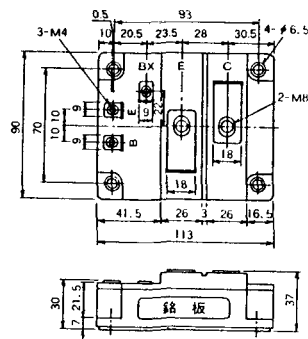
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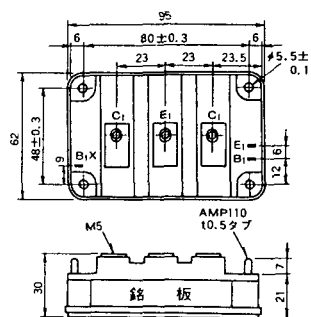
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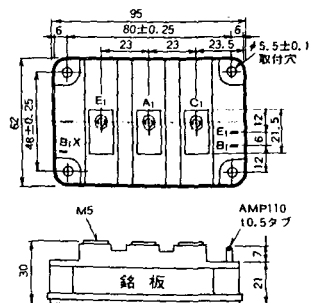
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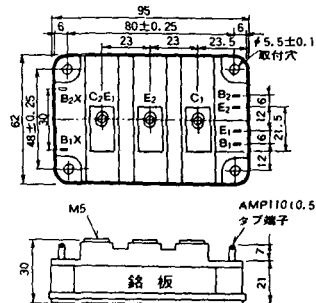
M-8A1A



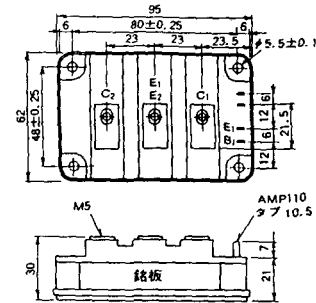
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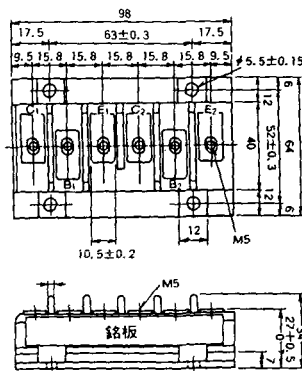
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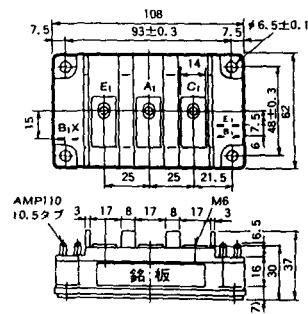
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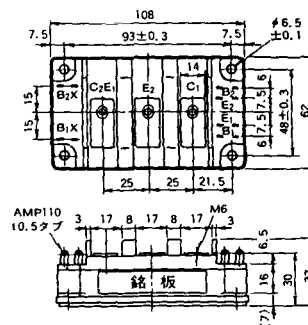
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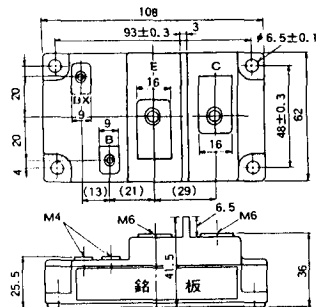
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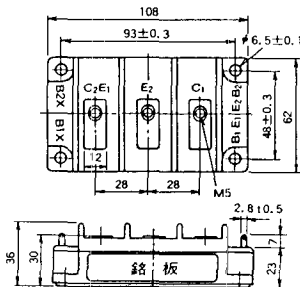
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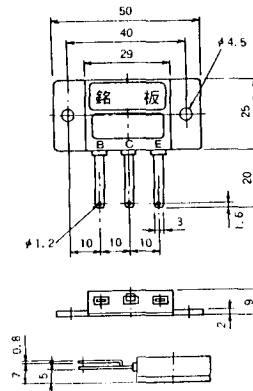
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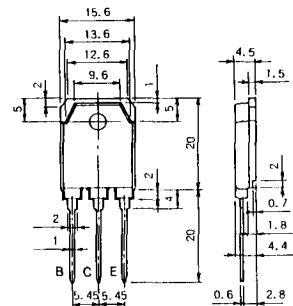
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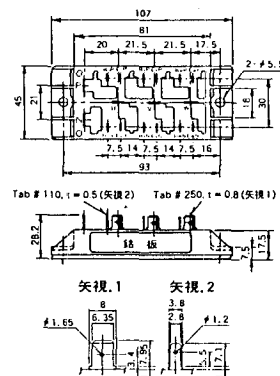
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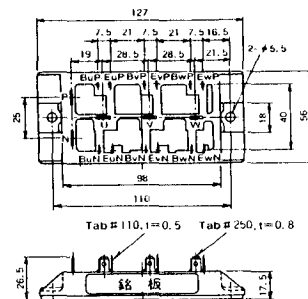
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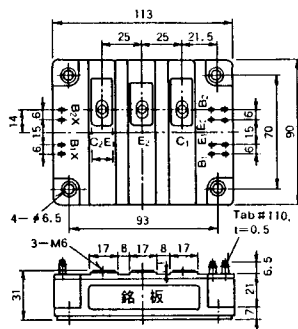
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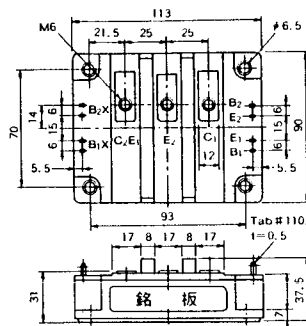
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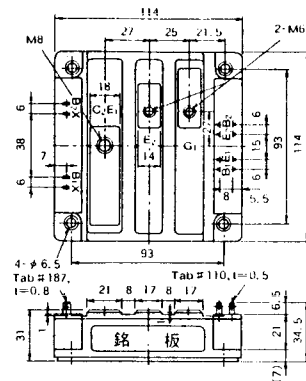
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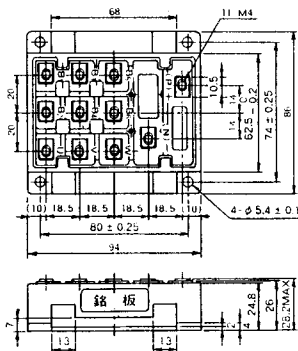
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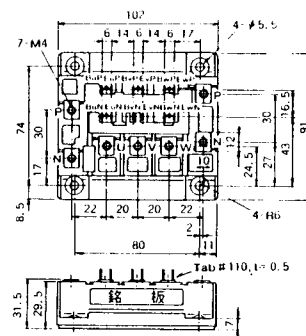
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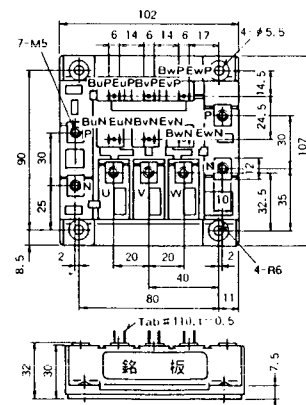
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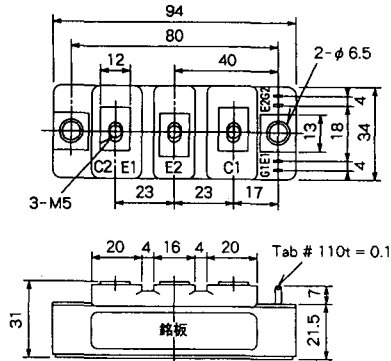
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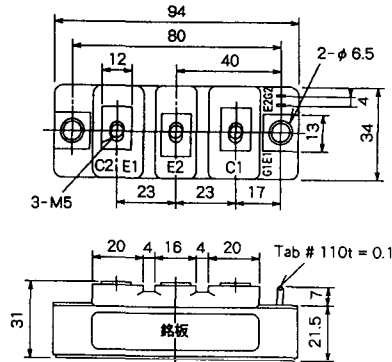
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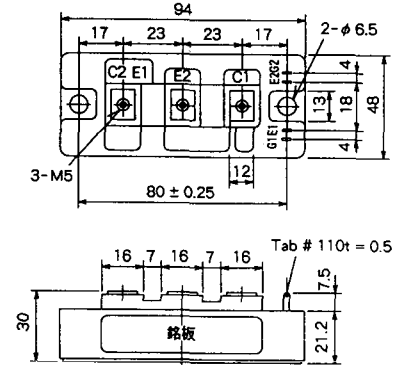
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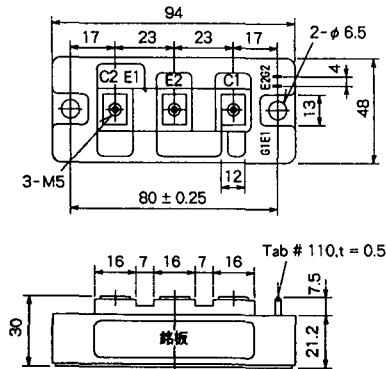
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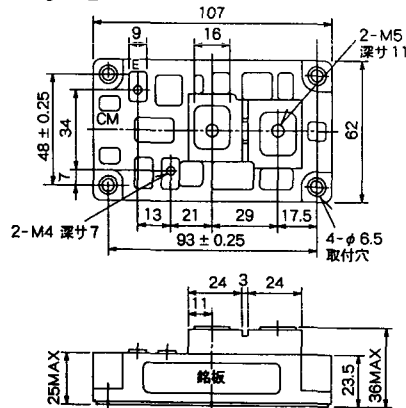
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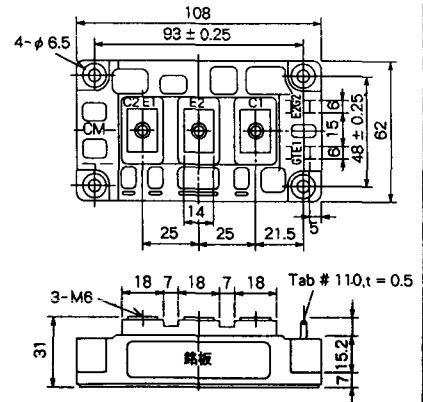
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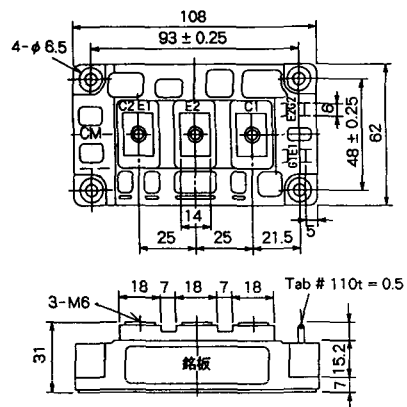
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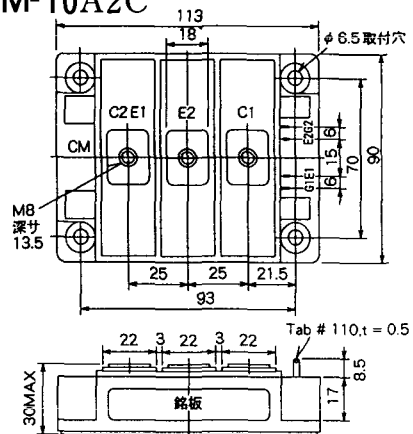
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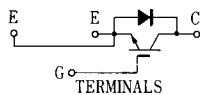
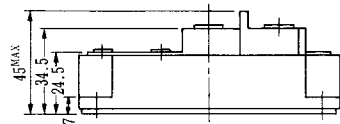
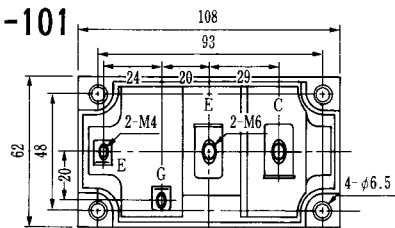
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M-10A2C



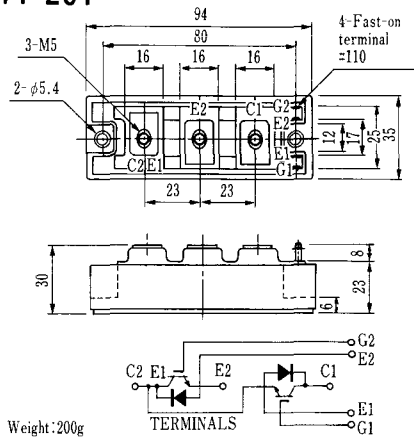
H-101



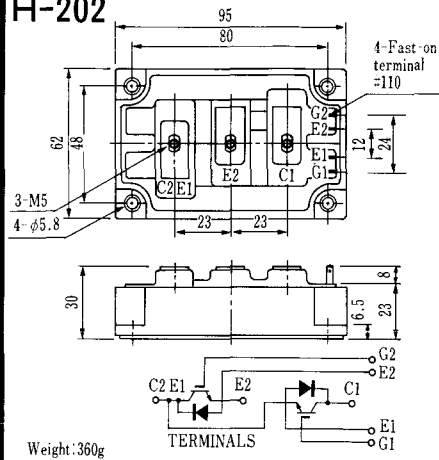
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TERMINALS

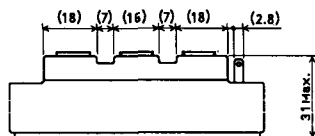
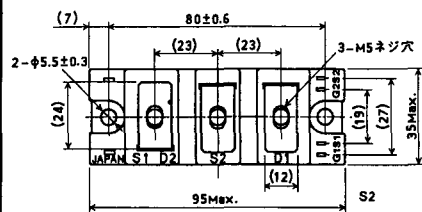
H-201



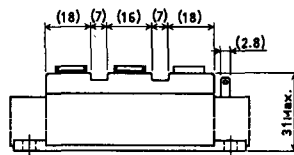
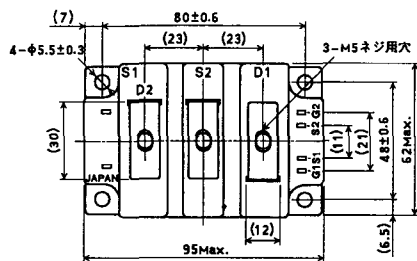
H-202



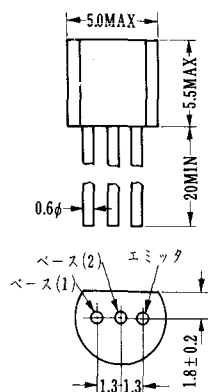
LF-J



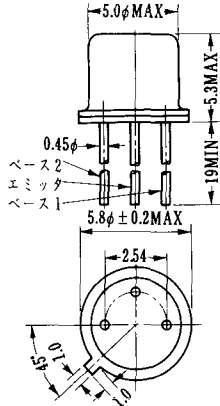
LF-K



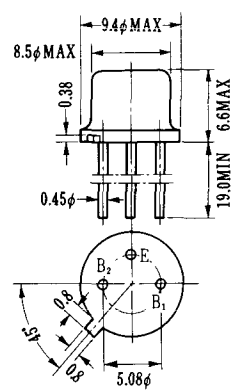
U-1



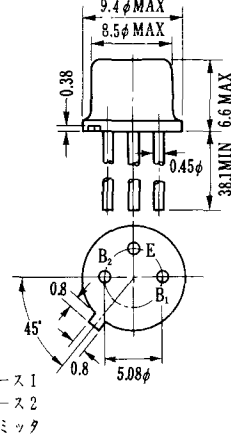
U-2



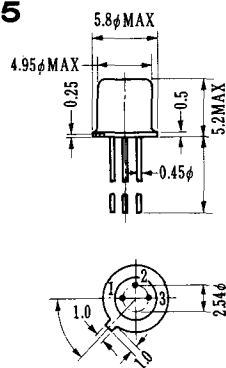
U-3



U-4

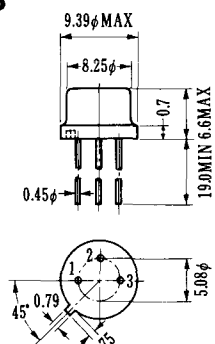


U-5



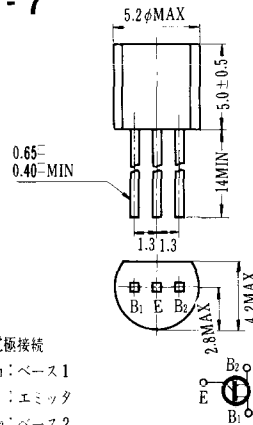
1. BASE 1
2. EMITTER
3. BASE 2 (CASE)

U-6



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

U-7



U-8

