

トランジスタ・モジュール (NPN, 単相/三相ブリッジ)

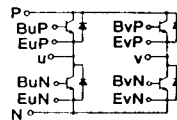
- ダーリントン・トランジスタ4個/6個内蔵
(単相ブリッジ/3相ブリッジ接続)
- フリーホイール・ダイオード付
- 絶縁形
- UL認定品あり

Yellow Card No.: E80276 (N)

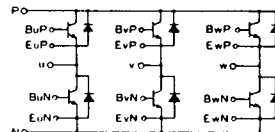
File No.: E80271

■等価回路

BA-1A



TA-1A

注1. $I_C = 1A$, $V_{EB} = 2V$, #印は V_{CEX} ($V_{EB} = 2V$)。

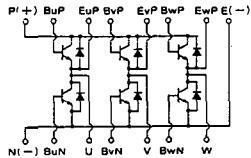
注2. 60Hz, 単相半波1サイクル波高値。

注3. $T_c = 25^\circ C$ 。

注4. AC, 1分間。

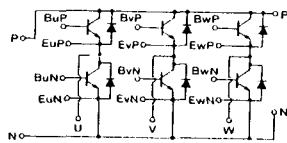
型 名	最 大 定 格 (T _J = 25°C)											電 気 的 特 性									
	V _{CBO}	V _{CEX (SUS)} (注1)	V _{EBO}	I _C	I _B	I _F	I _{FM} (注2)	P _C (注3)	T _J	T _{stg}	V _{ISO} (注4)	I _{CEX}			I _{EBO}		V _{CEX (SUS)}		h _{FE}		
	(V)	(V)	(V)	(A)	(A)	(A)	(A)	(W)	(°C)	(°C)	(V)	(mA)	V _{CE} (V)	V _{EB} (V)	(mA)	V _{EB} (V)	(V)	I _C (A)	最小 (V)	最大 (A)	
													最大			最大		最小			
QM20BA-H	600	600	7	20	1.0	20	200	160	150	-40~125	2500	1	600	2	150	7			75/100	2/5	20
QM10TD-H	600	600	7	10	1.0	10	100	83	150	-40~125	2000	1	600	2	100	7			75/100	2/5	10
QM10TE-HB	600	600	7	10	1.0	10	100	73	150	-40~125	2500	1	600	2	40	7			250	2	10
QM10KD-HB	600	600	7	10	1.0	10	100	74	150	-40~125	2500	1	600	2	40	7			250	2	10
QM15TD-9	500	450	7	15	1.0	15	150	83	150	-40~125	2000	1	500	2	100	7			75/100	2/5	15
QM15TD-9B	500	450	7	15	1.0	15	150	74	150	-40~125	2500	1	500	2	40	7			250	2	15
QM15TG-9	500	450	7	15	1.0	15	150	83	150	-40~125	2000	1	500	2	100	7			75/100	2/5	15
QM15TG-9B	500	450	7	15	1.0	15	150	83	150	-40~125	2000	1	500	2	40	7			250	2	15
QM15TB-2H	1000	1000	7	15	1.0	15	150	150	150	-40~125	2500	2	1000	2	100	7			75/100	2.8/5	15
QM15TB-2HB	1000	1000	7	15	1.0	15	150	150	150	-40~125	2500	1	1000	2	50	7			250	3	15
QM15TB-24	1200	1200	7	15	1.0	15	150	150	150	-40~125	2500	2	1200	2	100	7			75	5	15
QM15TD-H	600	600	7	15	1.0	15	150	100	150	-40~125	2000	1	600	2	100	7			75/100	2/5	15
QM15TD-HB	600	600	7	15	1.0	15	150	75	150	-40~125	2500	1	600	2	40	7			250	2	15
QM15KD-HB	600	600	7	15	1.0	15	150	76	150	-40~125	2500	1	600	2	40	7			250	2	15
QM20TD-9	500	450	7	20	1.0	20	200	100	150	-40~125	2000	1	500	2	100	7			75/100	2/5	20
QM20TD-9B	500	450	7	20	1.0	20	200	76	150	-40~125	2500	1	500	2	40	7			250	2	20
QM20TG-9B	500	450	7	20	1.0	20	200	100	150	-40~125	2000	1	500	2	40	7			250	2	20
QM20TD-H	600	600	7	20	1.0	20	200	100	150	-40~125	2000	1	600	2	150	7			75/100	2/5	20

TA-1B



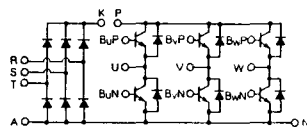
注) トランジスタはすべてダーリントン

TA-1C

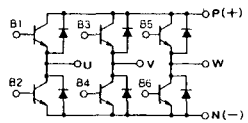


注) トランジスタはすべてダーリントン

KD-1A



TX 1A



注) トランジスタはすべてダーリントン

(T _J = 25°C)										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}	I _c	V _F (V)	I _F (μs)	t _{rr} (μs)	I _F (A)	V _{BE} (V)	di/dt (A/μs)	θ _{J-C} (°C/W)							
V _{CE}	V _{BE}			t _{on}	t _{off}	t _r											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)	(V)	(A)	最大	最大	最大	(A)	(V)	(A/μs)	最大	最大						
2.0	2.5	20	0.28	1.5	12	2.0	0.4	-0.4	300	20	1.5	20					0.8	2.2	BA-1A	M-2D4A	U.L.認定済		QM20BA-H	
2.0	2.5	10	0.13	1.5	10	2.5	0.2	-0.2	300	10	1.5	10					1.5	2.5	TA-1A	M-2G6B	U.L.認定済		QM10TD-H	
2.0	2.5	10	0.04	1.5	10	2.0	0.06	-0.2	300	10	1.5	10					1.7	2.8	TA-1B	M-3D6A	U.L.認定済		QM10TE-HB	
2.0	2.5	10	0.04	1.5	10	2.0	0.06	-0.2	300	10	1.5	10					1.7	2.8	KD-1A	M-3D6B	U.L.認定済		QM10KD-HB	
2.0	2.5	15	0.2	1.5	9.5	2.5	0.3	-0.3	250	15	1.5	15					1.5	2.5	TA-1A	M-2G6B	U.L.認定済		QM15TD-9	
2.0	2.5	15	0.06	1.5	10	2.0	0.09	-0.3	250	15	1.5	15					1.7	2.8	TA-1A	M-2G6A	U.L.認定済		QM15TD-9B	
2.0	2.5	15	0.2	1.5	9.5	2.5	0.3	-0.3	250	15	1.5	15					1.5	2.5	TA-1B	M-2F6A	U.L.認定済		QM15TC-9	
2.0	2.5	15	0.06	1.5	10	2.0	0.09	-0.3	250	15	1.5	15					1.5	2.5	TA-1B	M-2F6A	U.L.認定済		QM15TC-9B	
2.5	3.5	15	0.3	2.5	15	3.0	0.3	-0.3	600	15	1.5	15					0.8	1.2	TA-1A	M-2E6B	U.L.認定済		QM15TB-2H	
3.0	3.5	15	0.06	2.0	10	3.0	0.09	-0.3	600	15	1.8	15					0.8	2.0	TA-1A	M-2E6B	U.L.認定済		QM15TB-2HB	
3.0	3.5	15	0.3	2.5	15	3.0	0.3	-0.3	600	15	1.5	15					0.8	1.2	TA-1A	M-2E6B	U.L.認定済		QM15TB-24	
2.0	2.5	15	0.2	1.5	10	3.0	0.3	-0.3	300	15	1.5	15					1.2	2.5	TA-1A	M-2G6B	U.L.認定済		QM15TD-H	
2.0	2.5	15	0.06	1.5	10	2.0	0.09	-0.3	300	15	1.5	15					1.65	2.8	TA-1A	M-2G6B	U.L.認定済		QM15TD-HB	
2.0	2.5	15	0.06	1.5	10	2.0	0.09	-0.3	300	15	1.5	15					1.65	2.8	KD-1A	M-2F6A	U.L.認定済		QM15KD-HB	
2.0	2.5	20	0.28	1.5	9.5	2.5	0.4	-0.4	250	20	1.5	20					1.2	2.5	TA-1A	M-2G6B	U.L.認定済		QM20TD-9	
2.0	2.5	20	0.08	2.0	10	2.0	0.12	-0.4	250	20	1.5	20					1.65	2.8	TA-1A	M-2G6A	U.L.認定済		QM20TD-9B	
2.0	2.5	20	0.08	2.0	10	2.0	0.12	-0.4	250	20	1.5	20					1.25	2.5	TA-1B	M-2F6A	U.L.認定済		QM20TC-9B	
2.0	2.5	20	0.28	1.5	12	2.0	0.4	-0.4	300	20	1.5	20					1.2	2.2	TA-1A	M-2G6B	U.L.認定済		QM20TD-H	

FD-1



FD-2



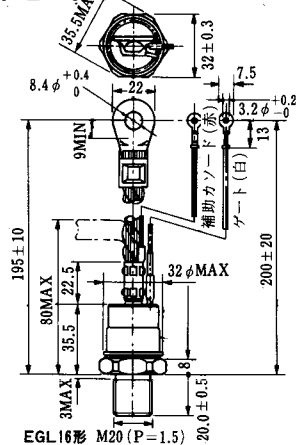
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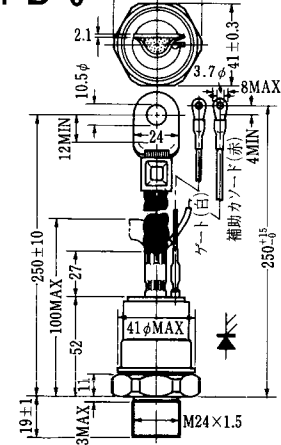
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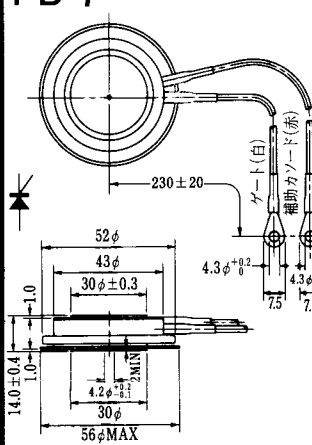
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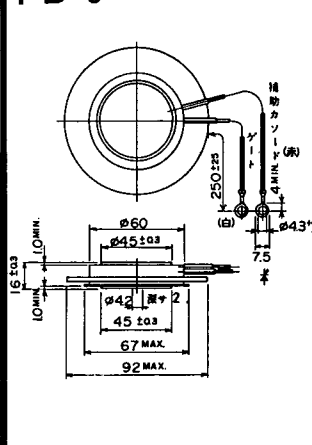
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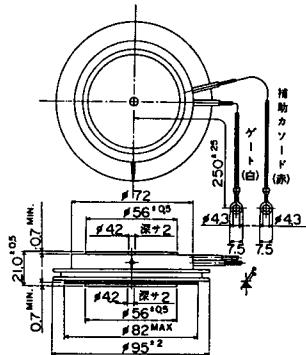
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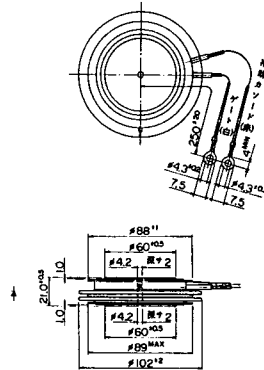
FD-8



FD-9

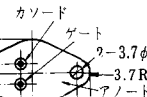


FD-10

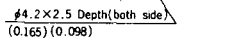


FD-11

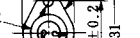
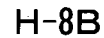
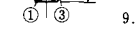
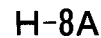
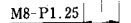
FD-12



Unit in mm(inch)

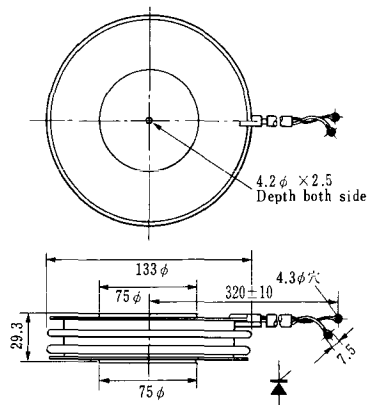


Unit in mm(inch)



- ①アノード
②カソード
③ゲート

H-17



H-18



H-19



H-20



H-21



H-22



H-23



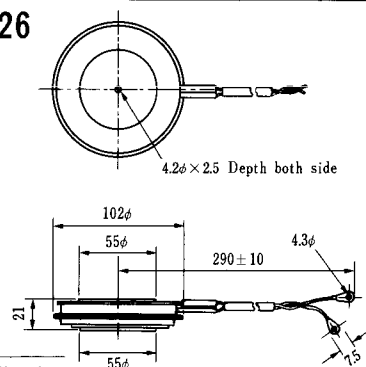
H-24



H-25



H-26



Type	Direction of polarity
CA12	

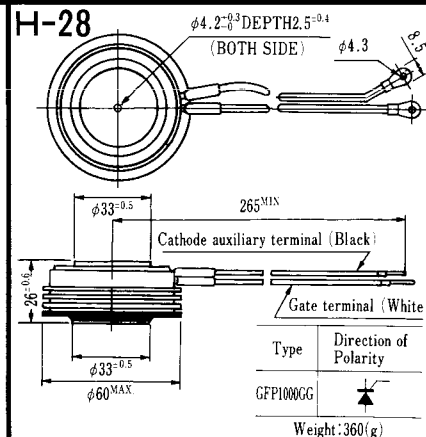
H-27



Type	Direction of polarity
CF11V	

(注) CC11V: 400 $\pm$ 10
CF11V: 250 $\pm$ 10

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. 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



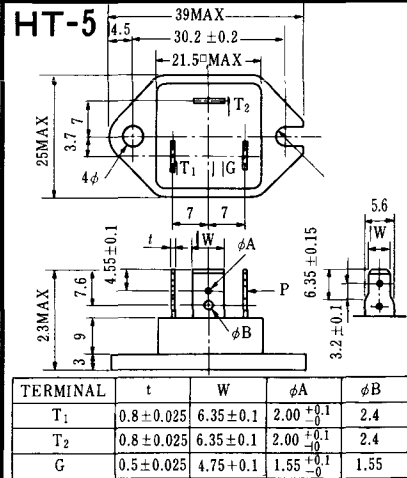
HT-3



HT-4



HT-5



《寸法図単位：mm》

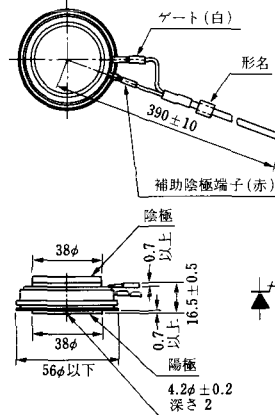
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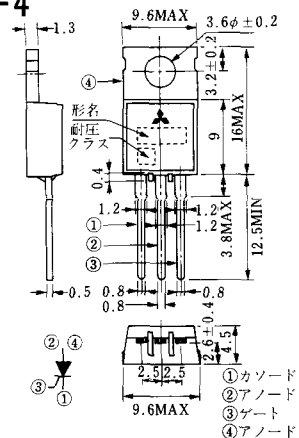
M-2



M-3



M-4



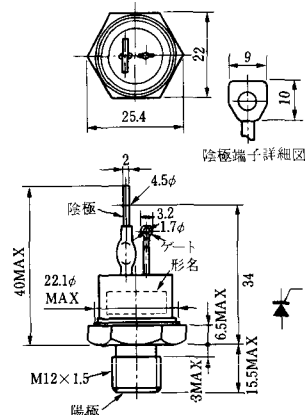
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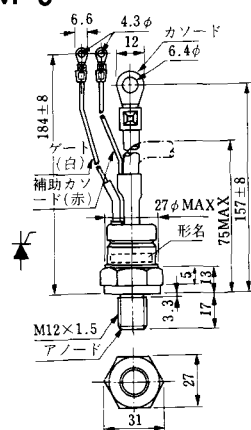
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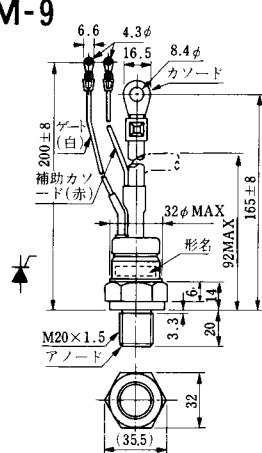
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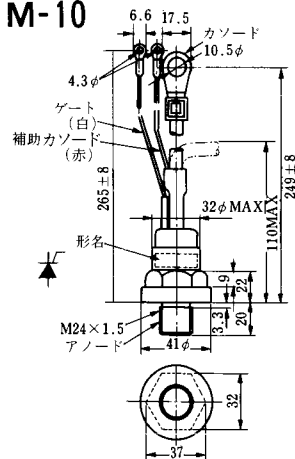
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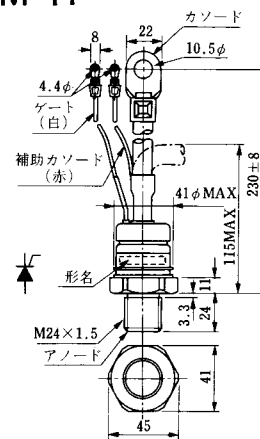
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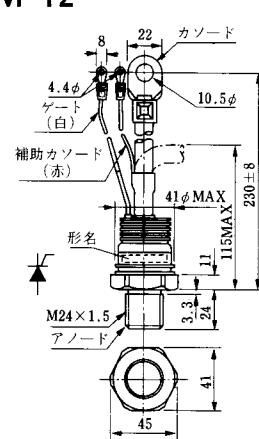
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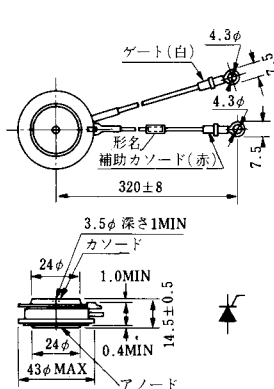
M-11



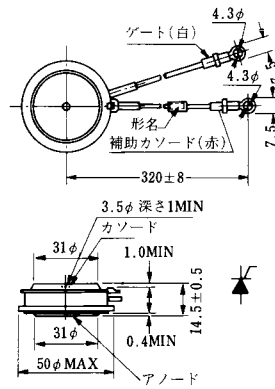
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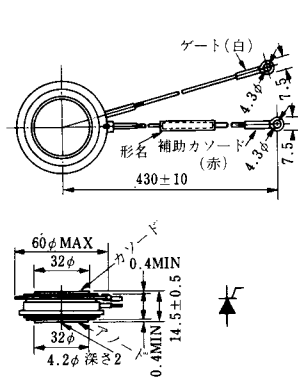
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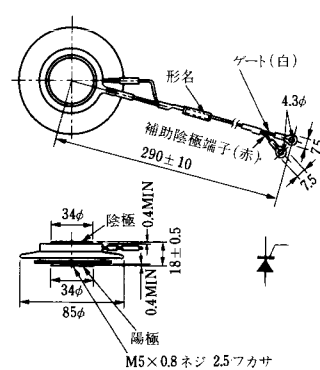
M-14



M-15



M-16



M-17



M-18



M-19



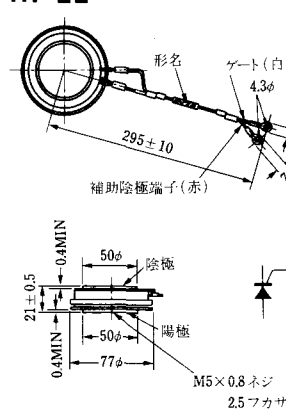
M-20



M-21



M-22



M-23



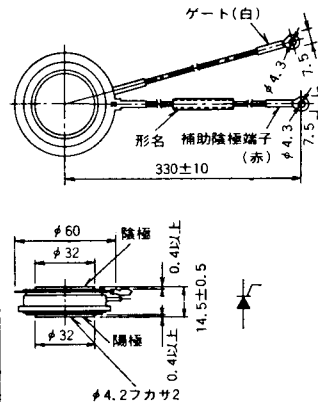
M-24



M-25



M-26



M-27



M-28



M-29



M-30



M-31



M-32



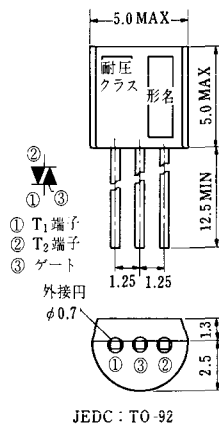
M-33



M-34



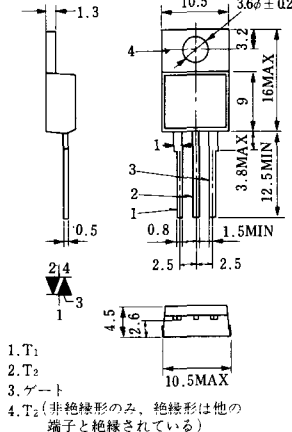
MT-1



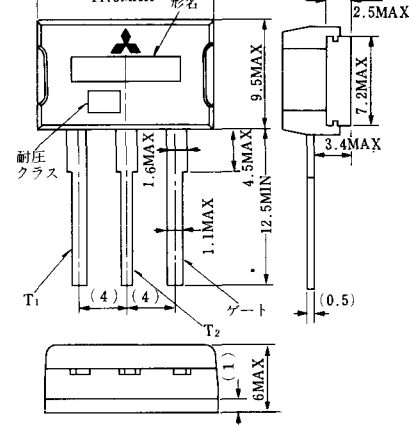
MT-2



MT-3



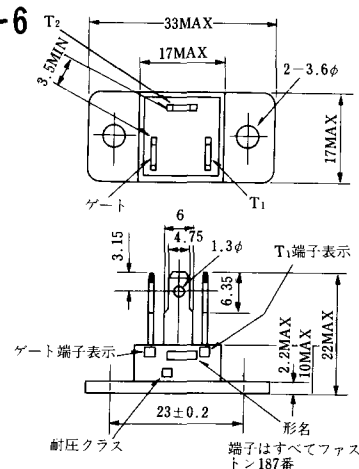
MT-4



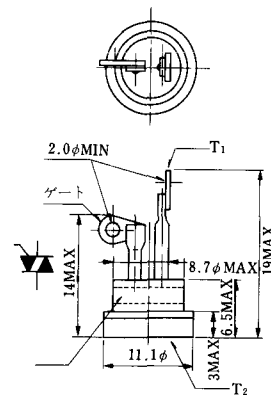
MT-5



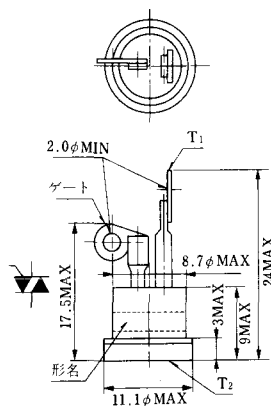
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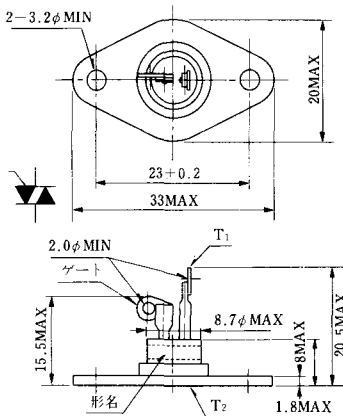
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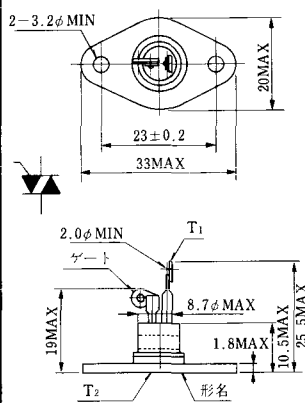
MT-8



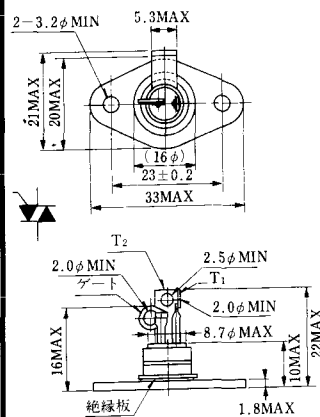
MT-9



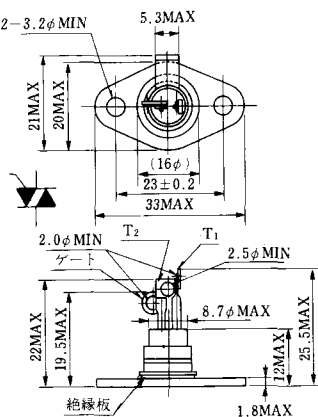
MT-10



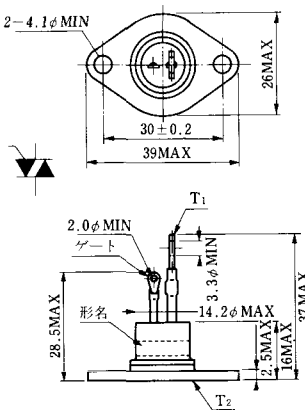
MT-11



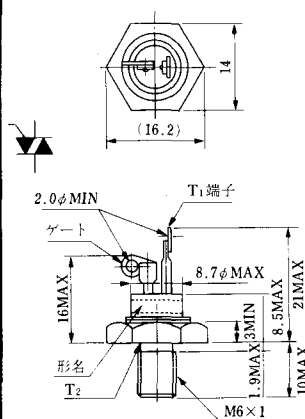
MT-12



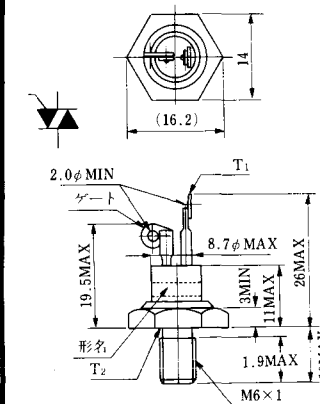
MT-13



MT-14



MT-15



MT-16



MT-17



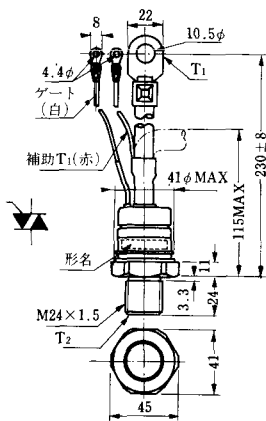
MT-18



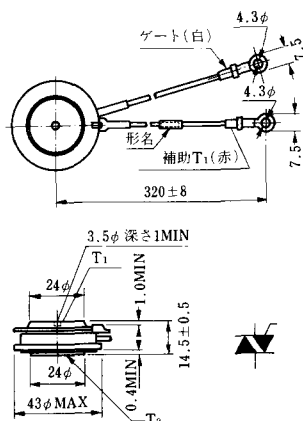
MT-19



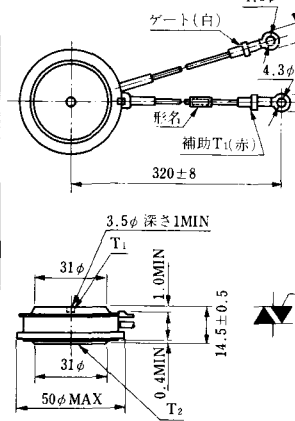
MT-20



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 ヤード
- ② アノード
- ③ カソード

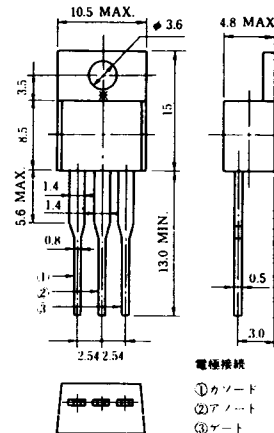
N-3



電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-4



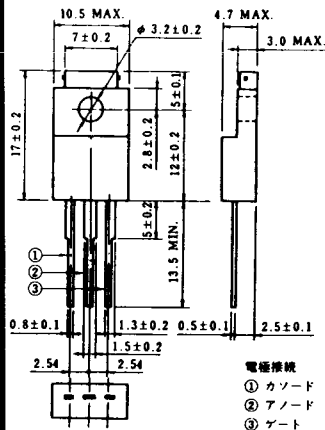
電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-5



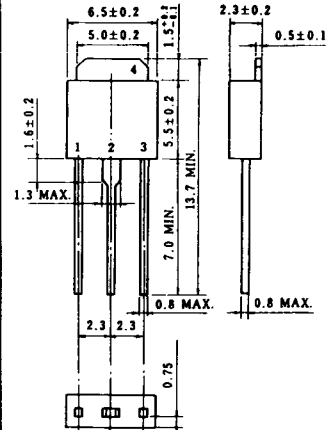
N-6



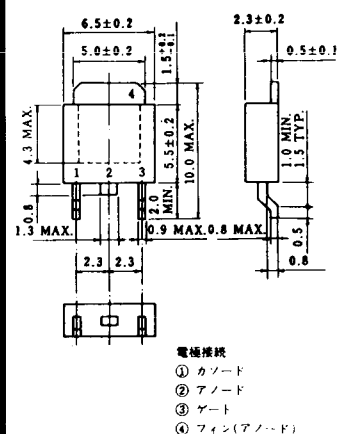
電極接続

- 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-3

NI-4

NI-5

NI-6

NI-7

NI-8

《寸法図単位:mm》

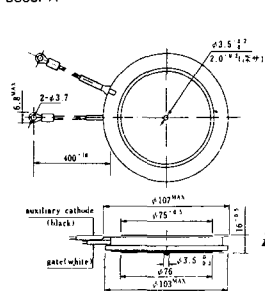
NI-16

503PLF
503PLH



NI-17

3003PA



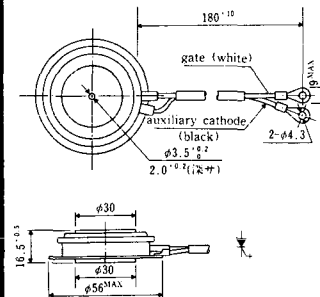
NI-18

353PGA「J」E



NI-19

603PGA, 603PGA「J」A, 803PGA



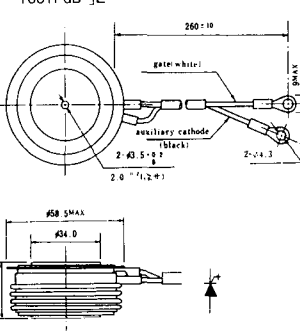
NI-20

603PGA「J」E



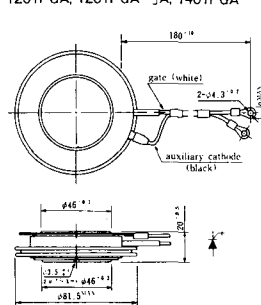
NI-21

1001PGB「J」E



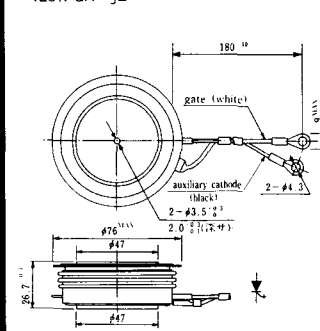
NI-22

1201PGA, 1201PGA「J」A, 1401PGA



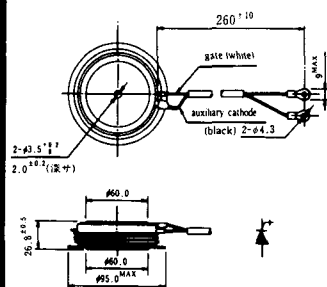
NI-23

1201PGA「J」E



NI-24

2001PGB[®] JE



NI-25

NI-26

NT-1



電線接続
① T₁
② ゲート
③ T₂

NT-2



電線接続
① T₁
② ゲート
③ T₂

NT-3



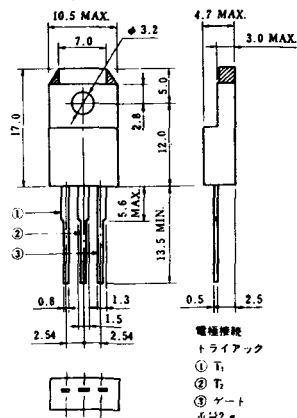
電線接続
① T₁
② T₂
③ ゲート

NT-4



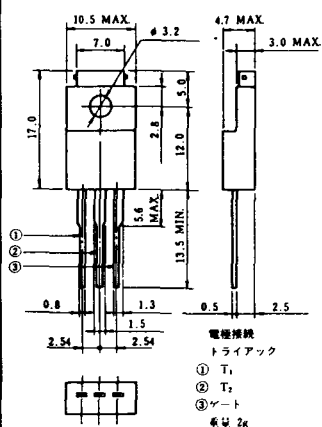
電線接続
① T₁
② T₂
③ G

NT-5



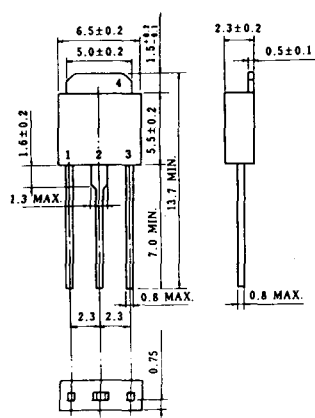
電線接続
トリアック
① T₁
② T₂
③ ゲート
④ 2K

NT-6

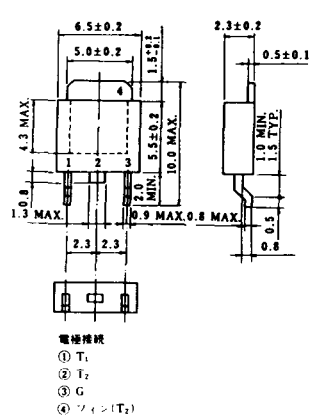


電線接続
トリアック
① T₁
② T₂
③ ゲート
④ 2K

NT-7



NT-8



電線接続
① T₁
② T₂
③ G
④ T₁ (T₂)

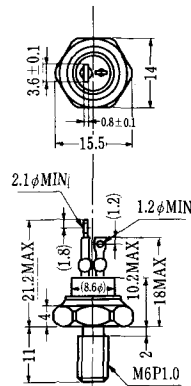
S-1



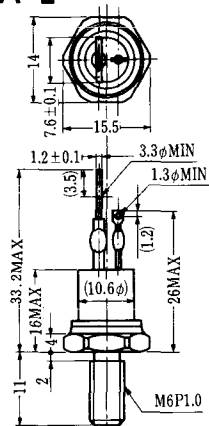
ST-1



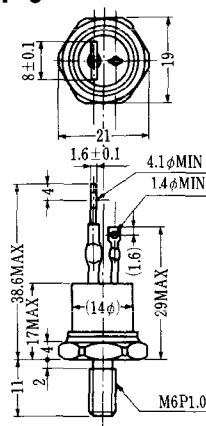
SA-1



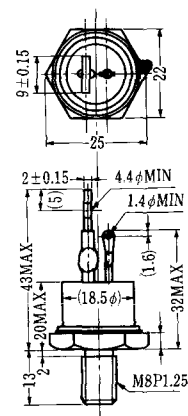
SA-2



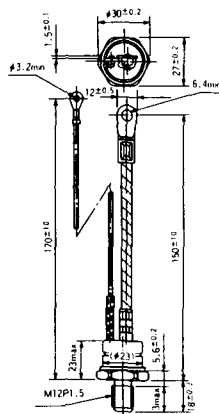
SA-3



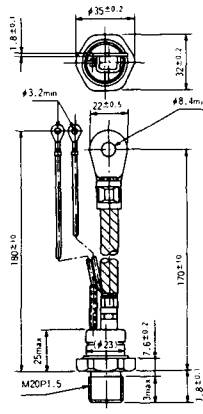
SA-4



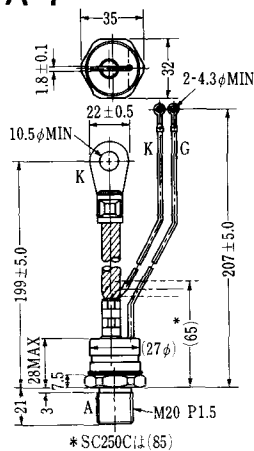
SA-5



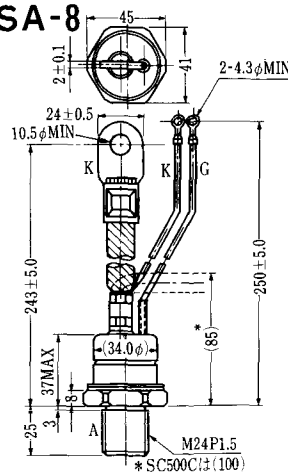
SA-6



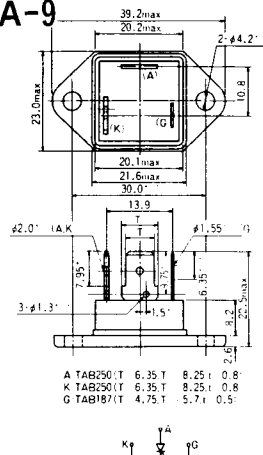
SA-7



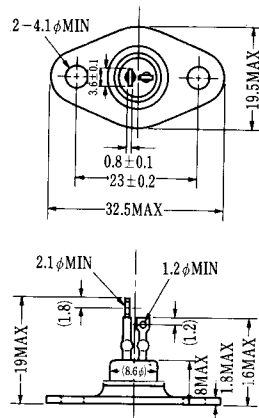
SA-8



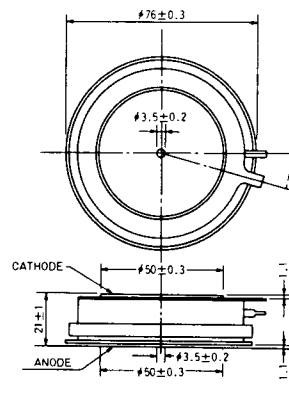
SA-9



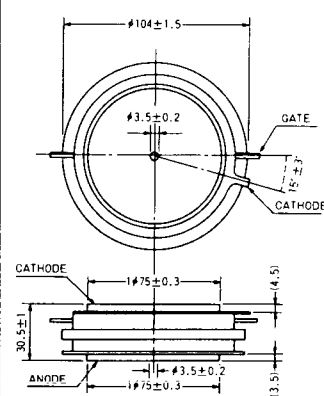
SA-10



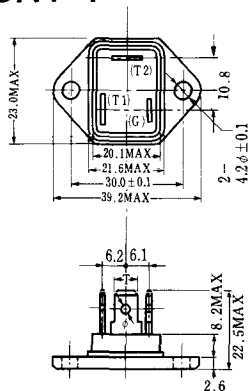
SA-11



SA-12



SAT-1

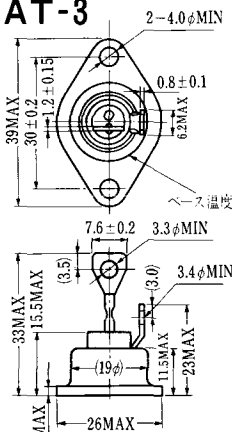


T1端子:ファストン250($T=6.35$, $t=0.8$, $\phi=1.65$)
T2端子:ファストン250($T=6.35$, $t=0.8$, $\phi=1.65$)
G端子:ファストン187($T=4.75$, $t=0.5$, $\phi=1.3$)

SAT-2



SAT-3



SAT-4



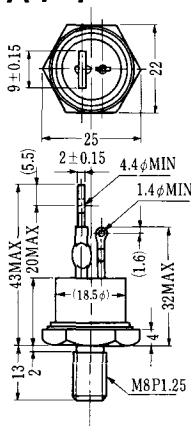
SAT-5



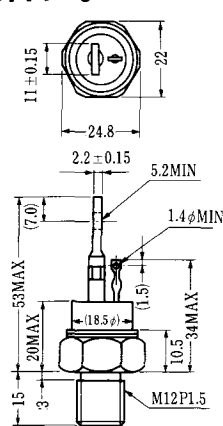
SAT-6



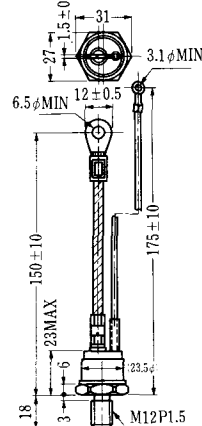
SAT-7



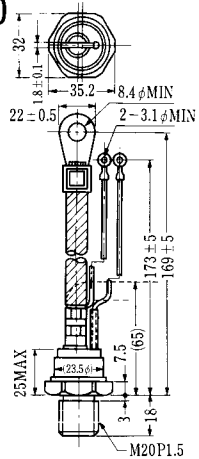
SAT-8



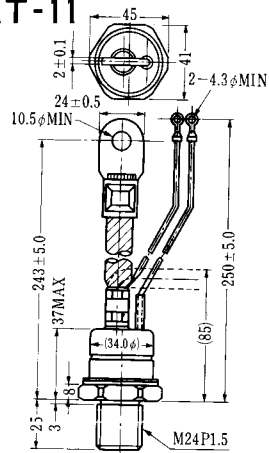
SAT-9.



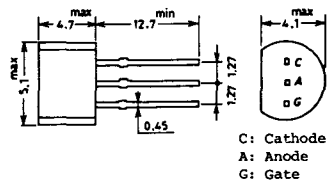
SAT-10



SAT-11



SY-1(1096A)



SY-2(1151)



SY-3(1104)



SY-4(1150)



1097A



G: Gate

1102



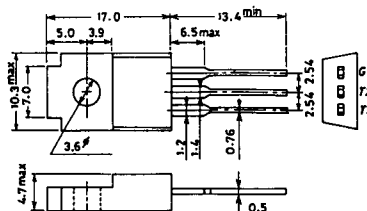
1141



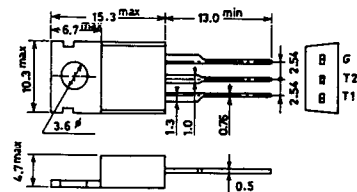
1142



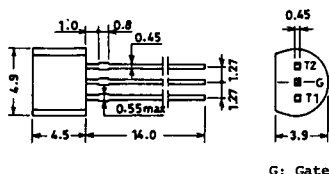
1144



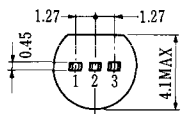
1155



1192A

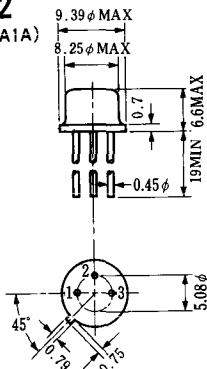


G: Gate



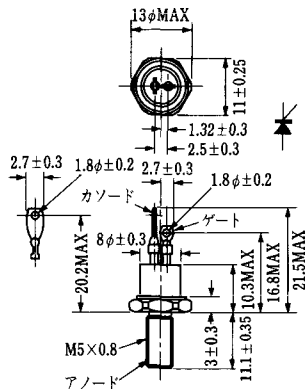
- 1 ゲート
- 2 アノード
- 3 カソード

T-2
(13-8A1A)

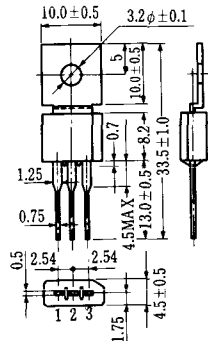


1. カソード
2. ゲート
3. アノード(ケース)

T-3 (13-8C1A)

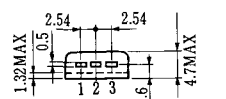
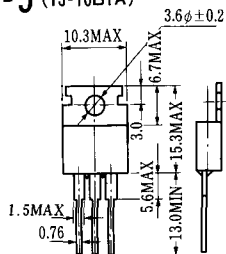


T-4 (13-10A1A)



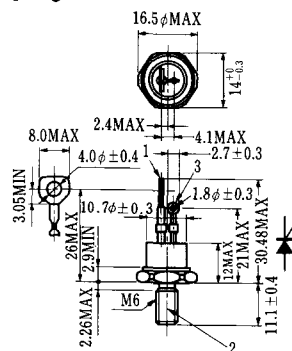
- 1 カソード
- 2 アノード
- 3 ゲート

T-5 (13-10B1A)



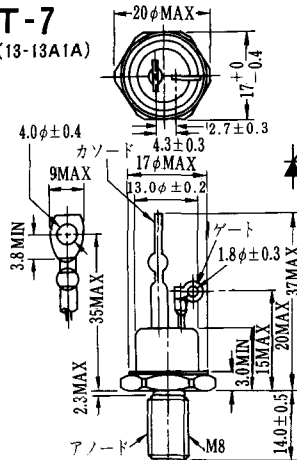
- 1 カソード
- 2 アノード
- 3 ゲート

T-6 (13-11D1A)

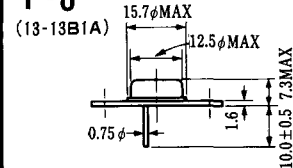


- 1 カソード
- 2 アノード
- 3 ゲート

T-7
(13-13A1A)

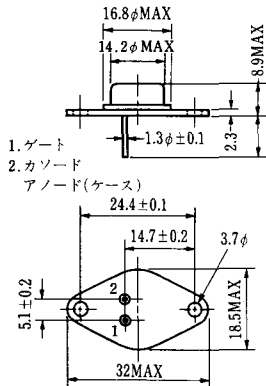


T-8

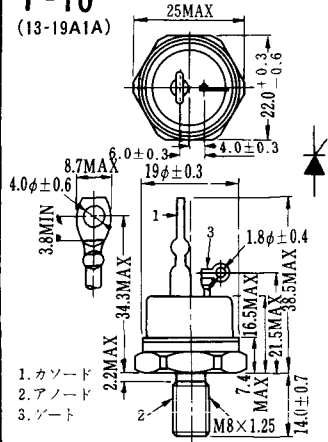


1. ゲート
2. カソード
アノード(ケース)

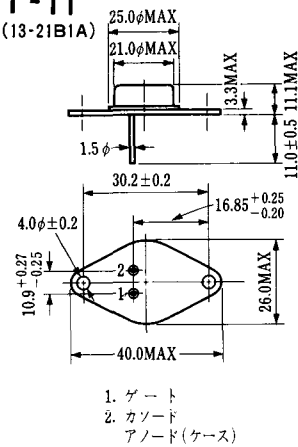
T-9 (13-14A1A)



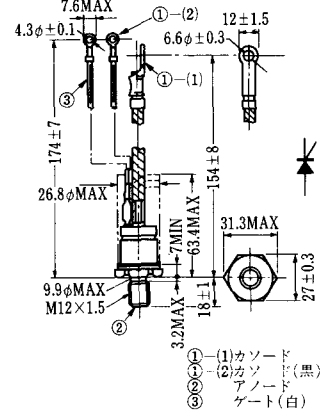
T-10 (13-19A1A)



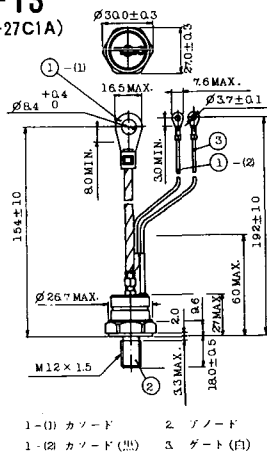
T-11 (13-21B1A)



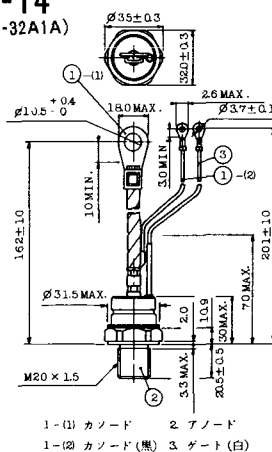
T-12 (13-27B1B)



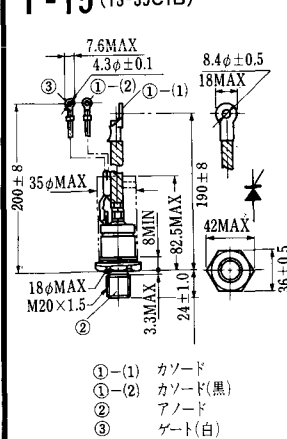
T-13 (13-27C1A)



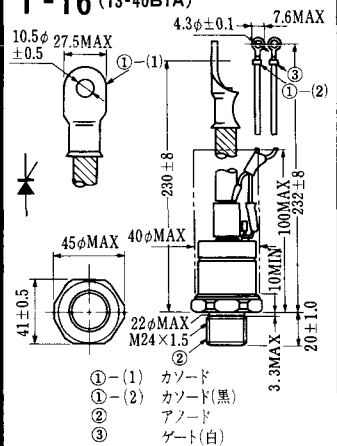
T-14 (13-32A1A)



T-15 (13-35C1B)



T-16 (13-40B1A)



T-17 (13-42A1A)



T-18 (13-45D1A)



T-19 (13-52B1A)



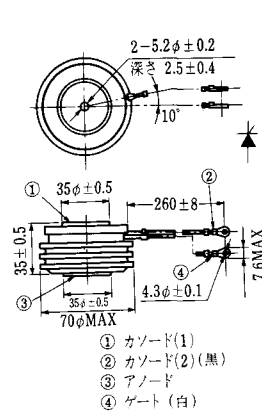
T-20 (13-52C1A)



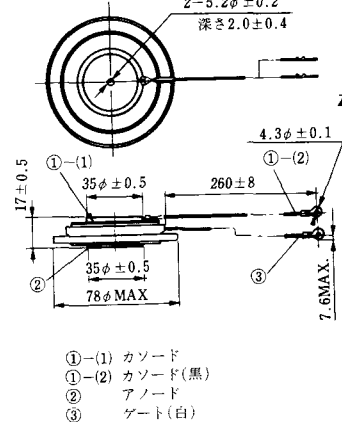
T-21 (13-60A1A)



T-22 (13-70C1A)



T-23 (13-78A1A)



T-24 (13-100C1A)



T-25 (13-120A2A)



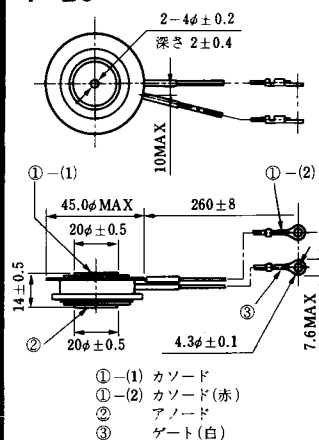
T-26 (13-150A1A)



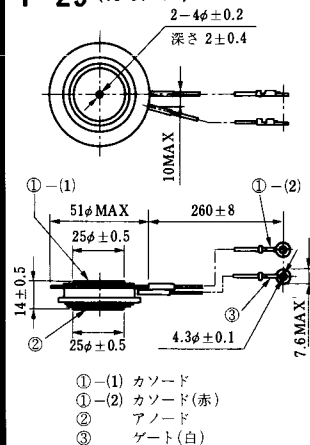
T-27 (13-37A1A)



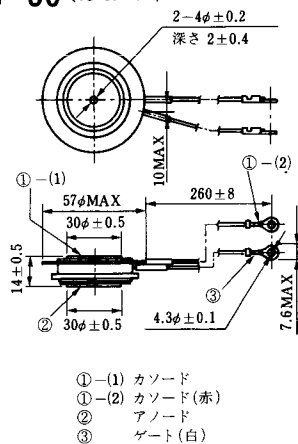
T-28 (13-45E1A)



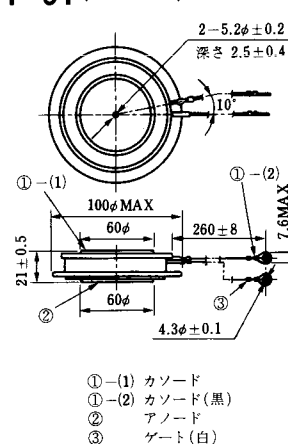
T-29 (13-51A1A)



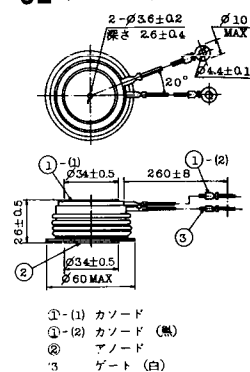
T-30 (13-57A1A)



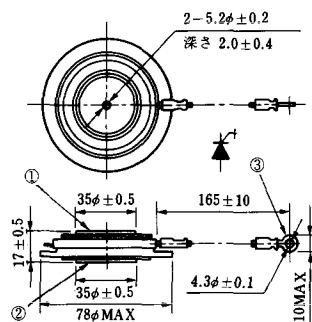
T-31 (13-100E1A)



T-32 (13-60E3A)

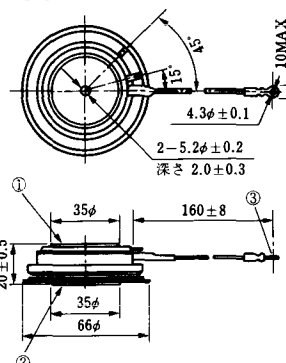


T-33 (13-78B1A)



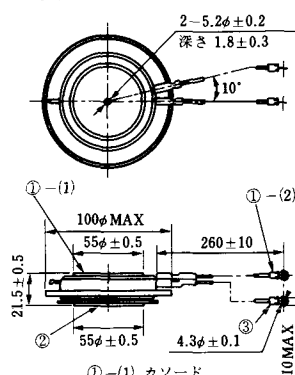
- ① カソード
② アノード
③ ゲート

T-34 (13-66A1A)



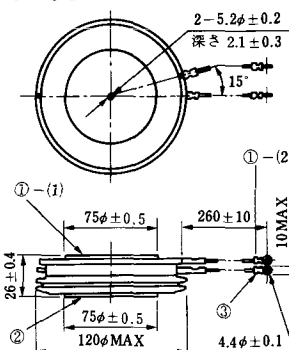
- ① カソード
② アノード
③ ゲート

T-35 (13-100D1A)



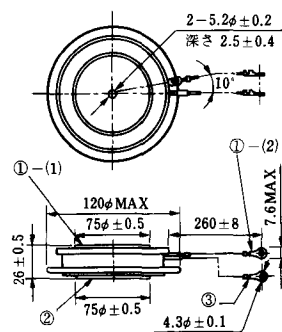
- ①-(1) カソード
①-(2) カソード(黒)
② アノード
③ ゲート(白)

T-36 (13-120E1A)



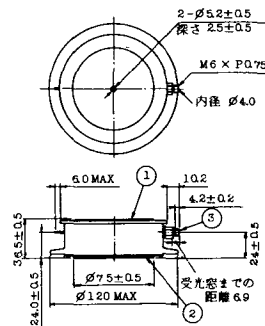
- ①-(1) カソード
①-(2) カソード(黒)
② アノード
③ ゲート(白)

T-37 (13-120A1A)



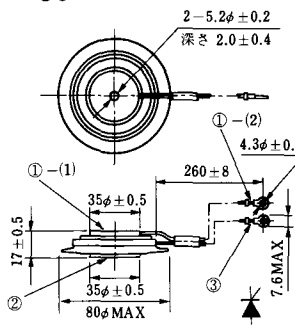
- ①-(1) カソード
①-(2) カソード(黒)
② アノード
③ ゲート(白)

T-38 (13-120C1A)



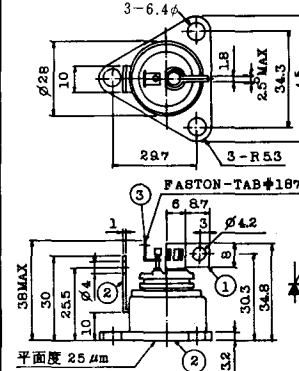
- ① カソード
② アノード
③ ゲート

T-39 (13-80B1A)



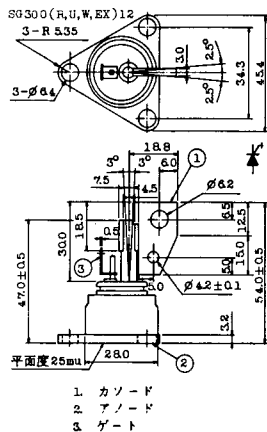
- ①-(1) カソード
①-(2) カソード(黒)
② アノード
③ ゲート(白)

T-40 (13-28A1A)



1. カソード
2. アノード
3. ゲート

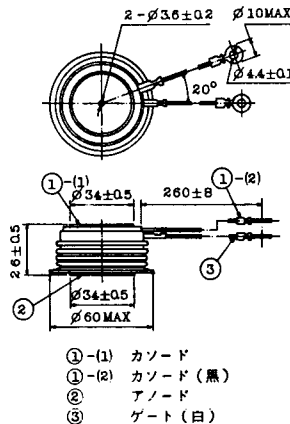
T-41 (13-28A2A)



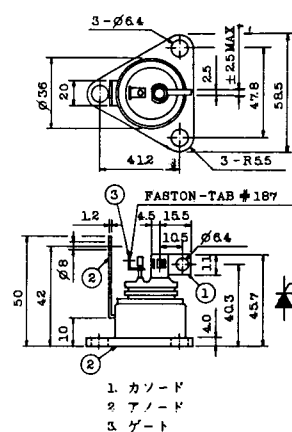
T-42 (13-45F1A)



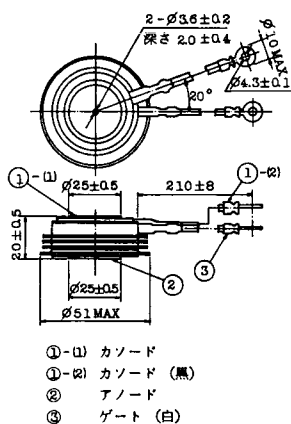
T-43 (13-60E2A)



T-44 (13-36A1A)



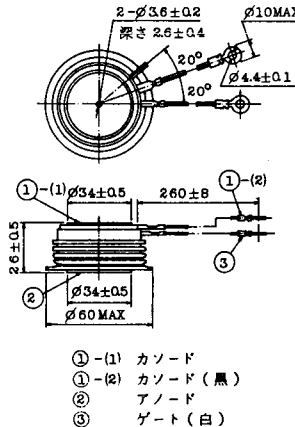
T-45 (13-51B1A)



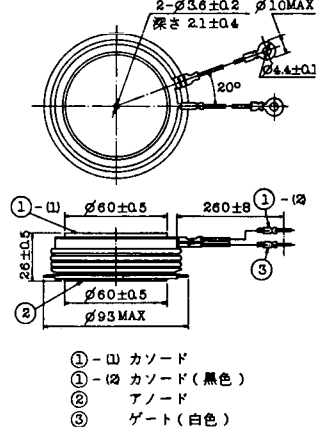
T-46 (13-36B1A)



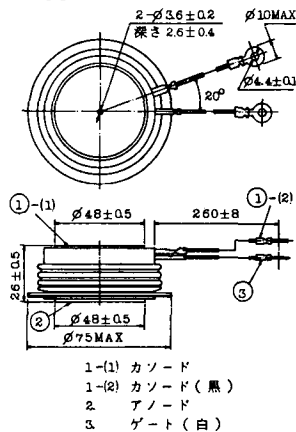
T-47 (13-60E1A)



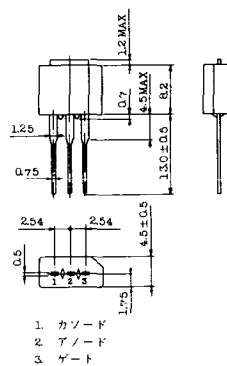
T-48 (13-93C1A)



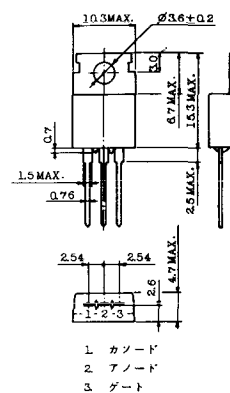
T-49 (13-75A1A)



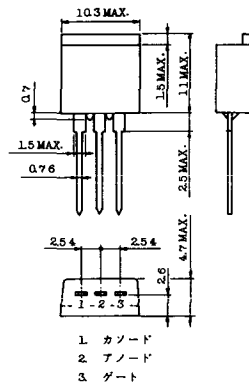
T-50 (13-10A3A)



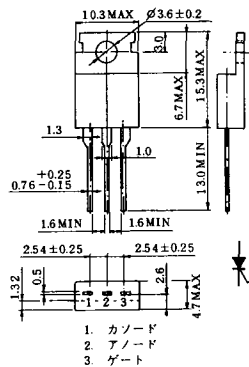
T-51 (13-10D1A)



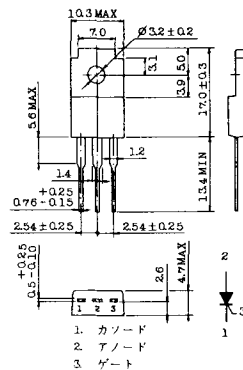
T-52 (13-10D2A)



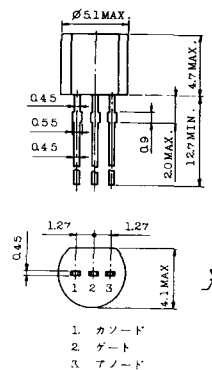
T-53 (13-10E1B)



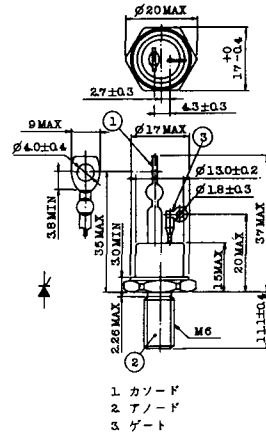
T-54 (13-10F1B)



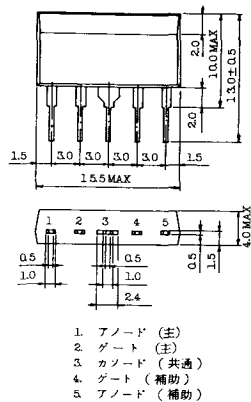
T-55 (13-5A1D)



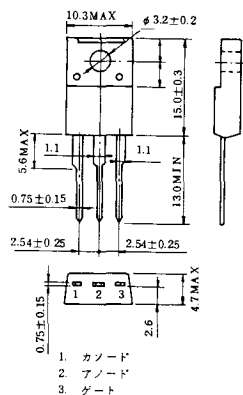
T-56 (13-13C1A)



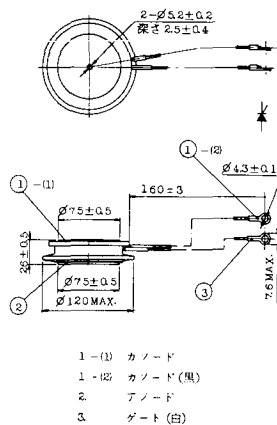
T-57 (12-16C1A)



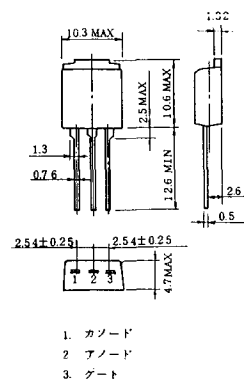
T-58 (13-10H1B)



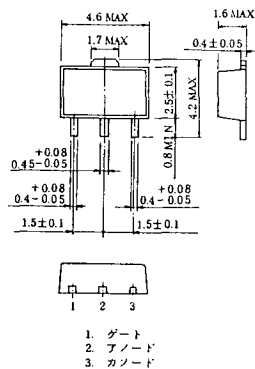
T-59 (13-120A1A)



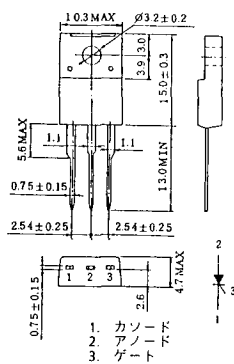
T-60



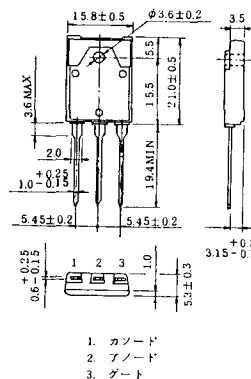
T-61 (13-5B1A)



T-62 (13-10H1A)



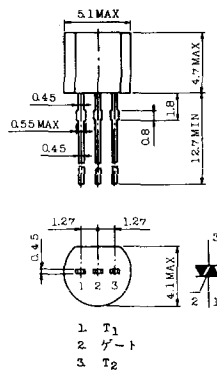
T-63 (13-16A1B)



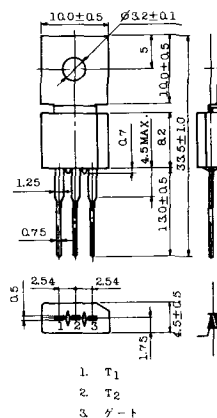
TT-1



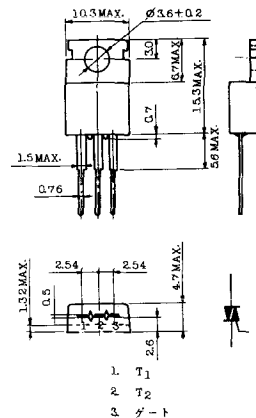
TT-2



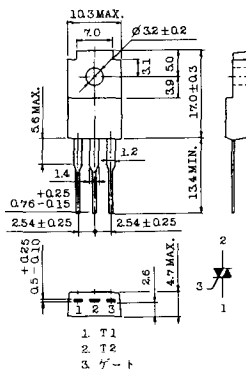
TT-3



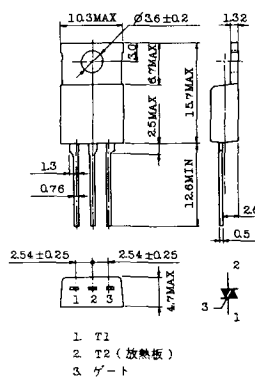
TT-4



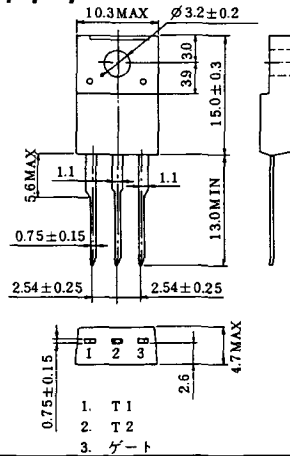
TT-5



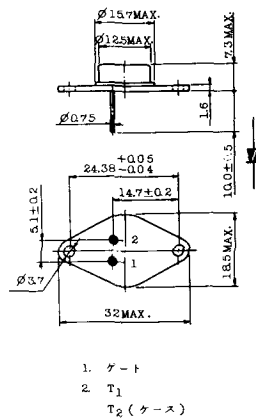
TT-6



TT-7



TT-8



TT-9



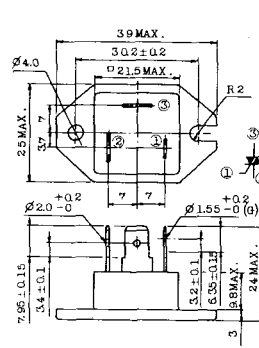
1. ゲート
2. T₁
3. T₂ (ケース)

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)

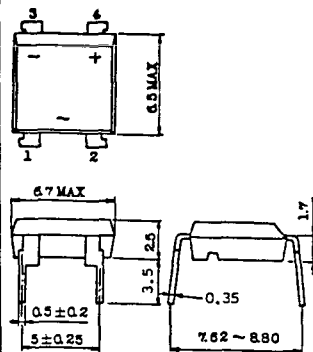
TT-12



ゲート端子詳細

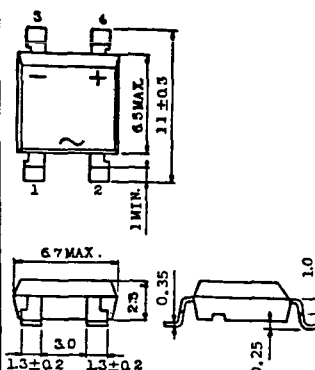
- ① ゲート (ファストン端子 #187)
- ② T₁ (" #250)
- ③ T₂ (" #250)

TT-13



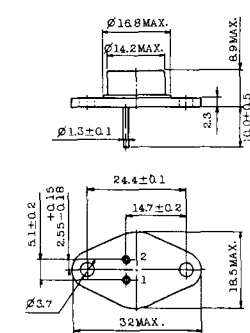
- 1, 2: T₂
- 3: GATE
- 4: T₁

TT-14



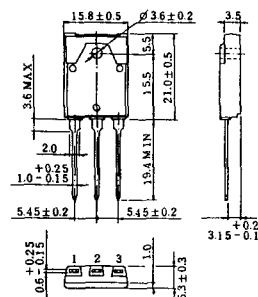
- 1, 2: T₂
- 3: GATE
- 4: T₁

TT-15 (13-14A1B)



1. ゲート
2. T₁
- T₂ (ケース)

TT-16 (13-16A1A)

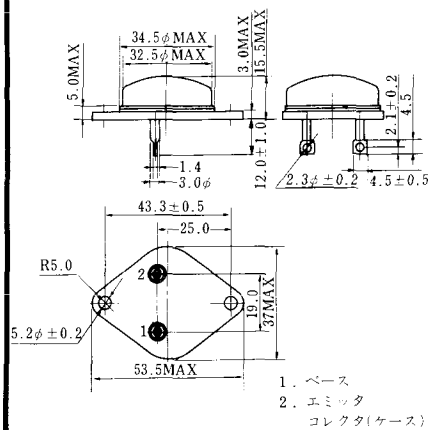


1. T₁
2. T₂
3. ゲート

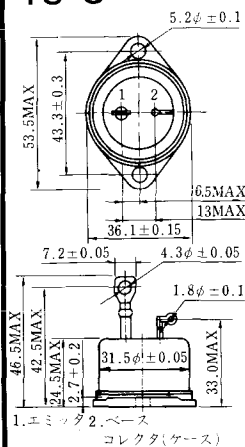
TS-1



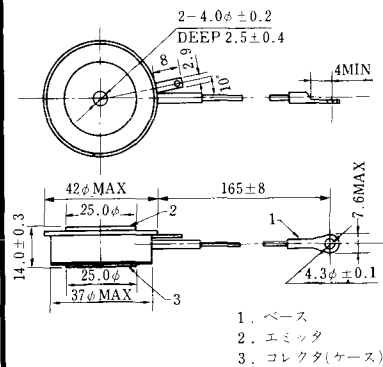
TS-2



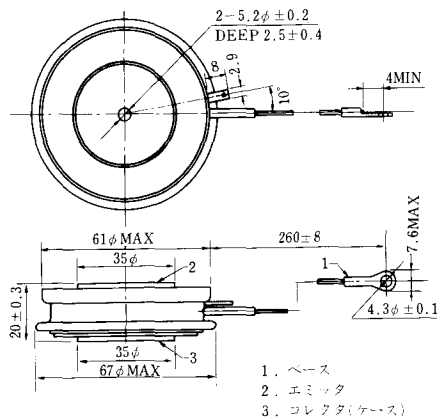
TS-3



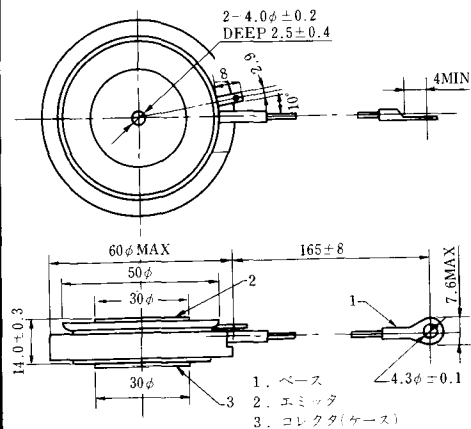
TS-4



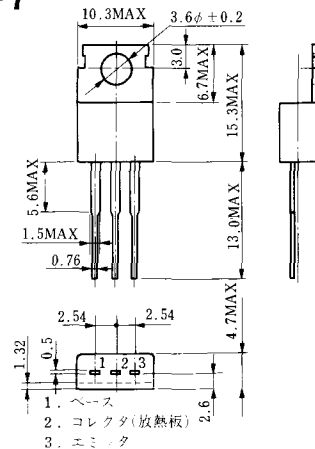
TS-5



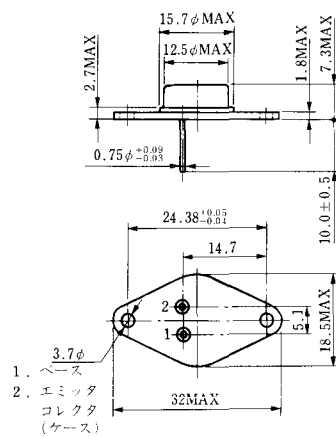
TS-6

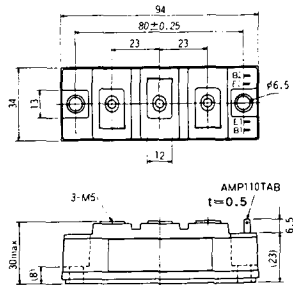
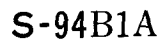


TS-7

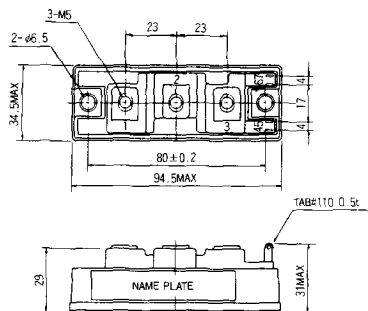


TS-8

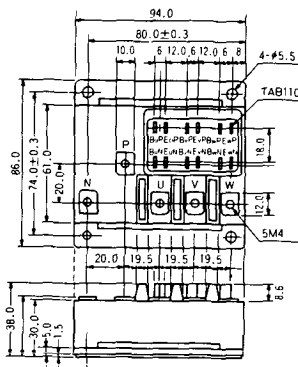




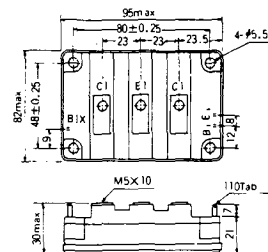
S-94B2A



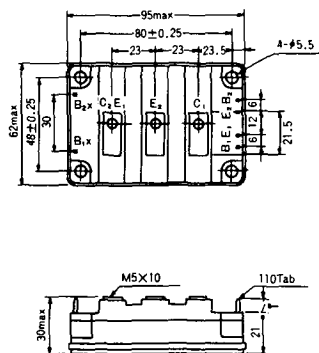
S-94D1A



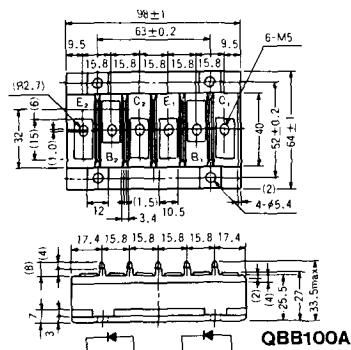
S-95A1A



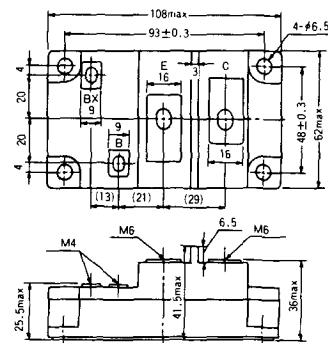
S-95B1A



S-98B1B



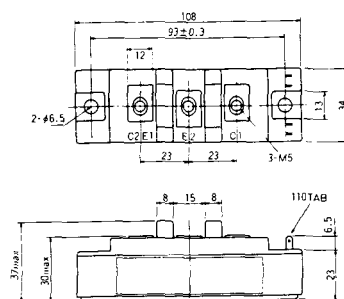
S-108A2A



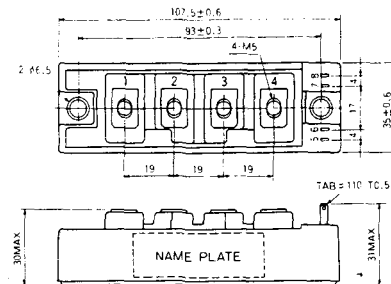
S-108B1A



S-108B1B



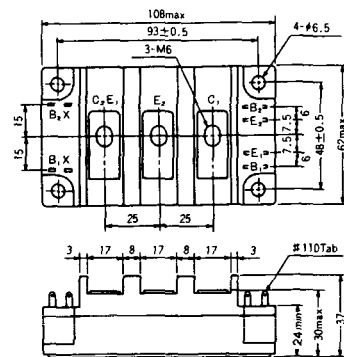
S-108B1C



S-108B2A



S-108B2B



2-22B1A



2-27A4A



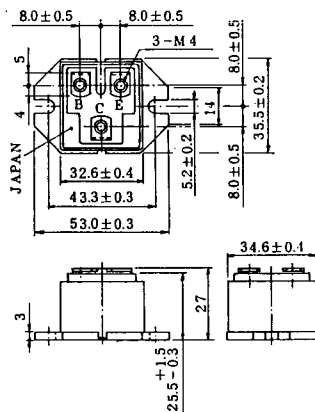
2-33C1A



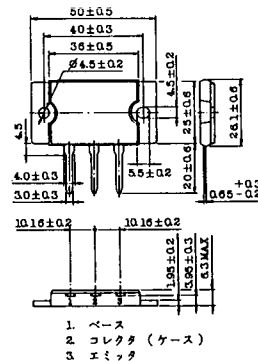
2-33D1A



2-33F1A



2-37A1A



2-48A3A



2-48A3B



2-48A4A



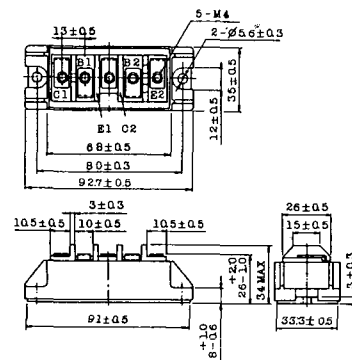
2-64A2A

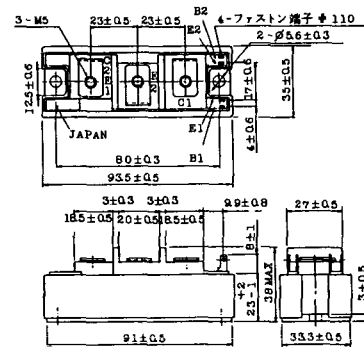
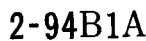
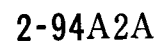


2-64A2B

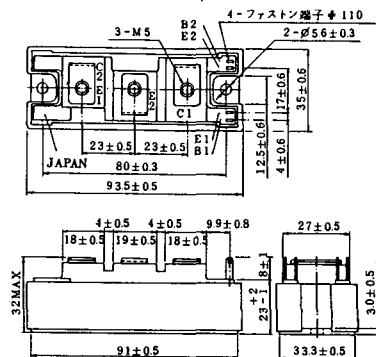


2-68A2A

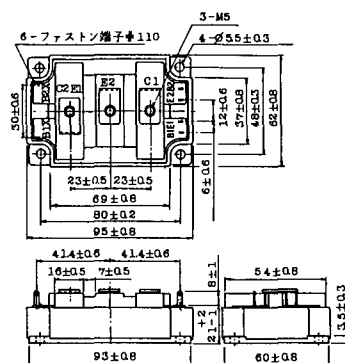




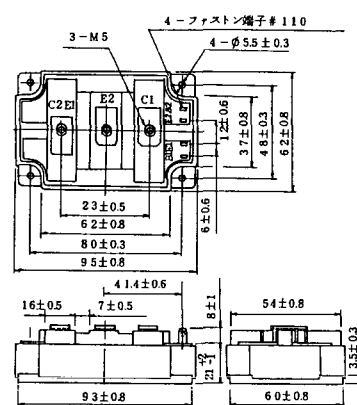
2-94D1A



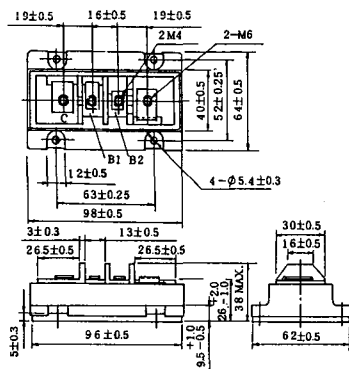
2-96A3A



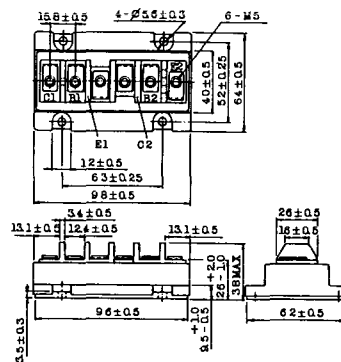
2-96A4A



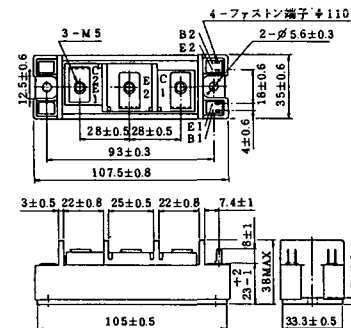
2-98B1A



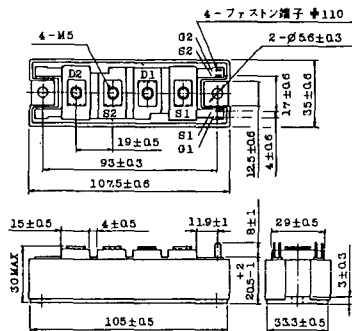
2-98C2A



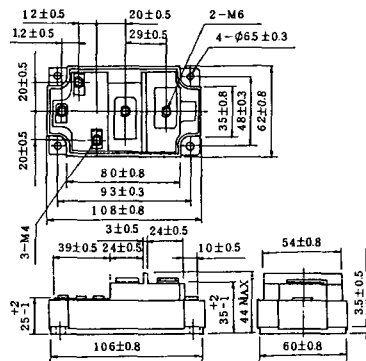
2-108A2A



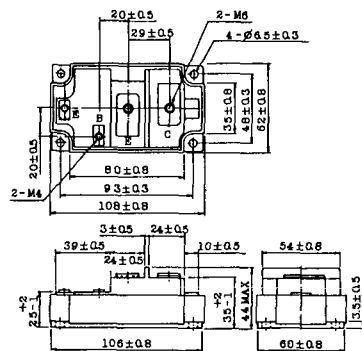
2-108B1A



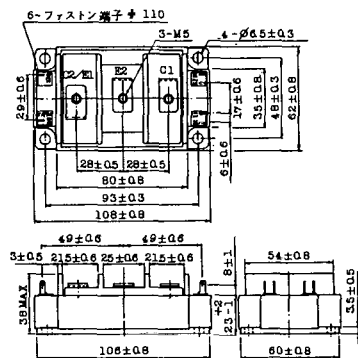
2-109A3A



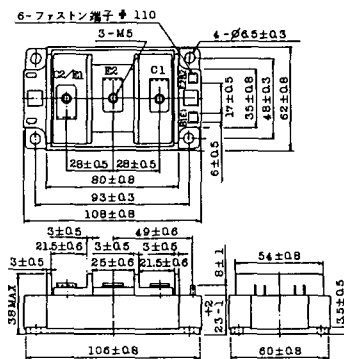
2-109A4A

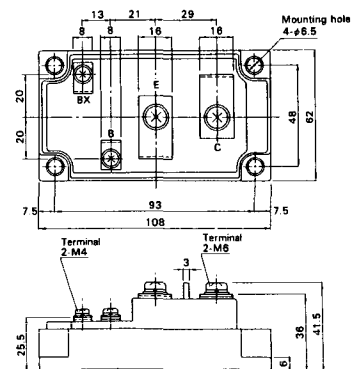
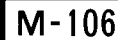
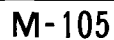
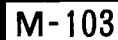
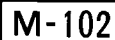


2-109B3A



2-109B4A





M-107



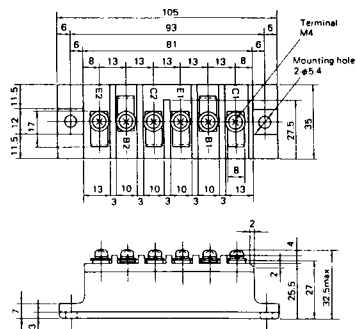
M-116



M-201



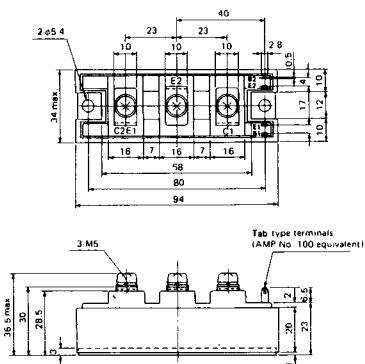
M-202



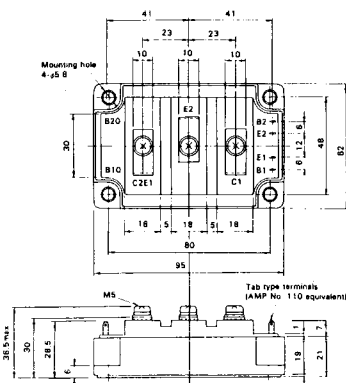
M-203



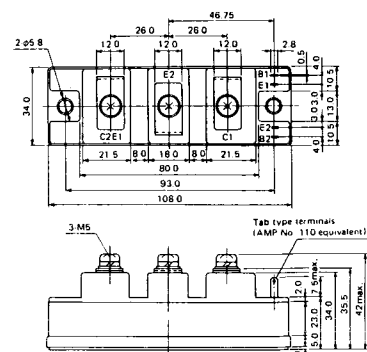
M-204



M-205



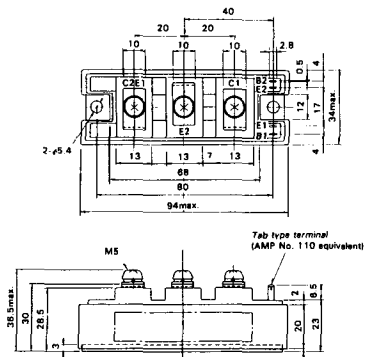
M-206



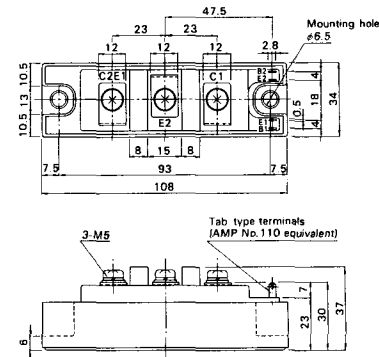
M-207



M-208



M-209



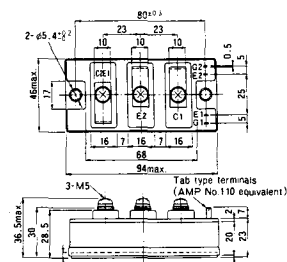
M-210

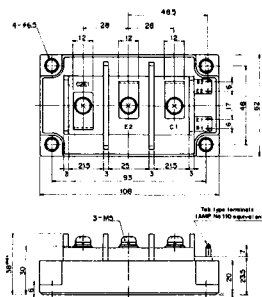
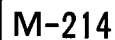


M-211



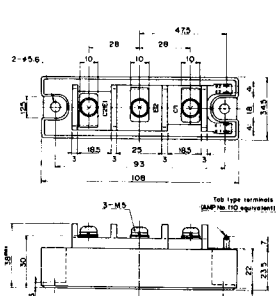
M-212



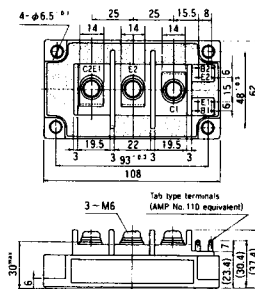


M-215

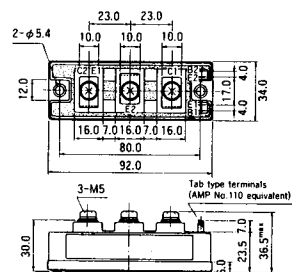
M-216



M-217



M-218



M-601



M-602



M-603



M-604



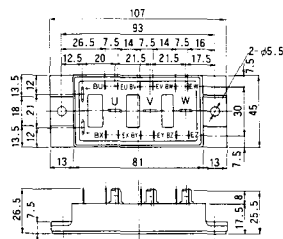
M-605



M-606



M-607



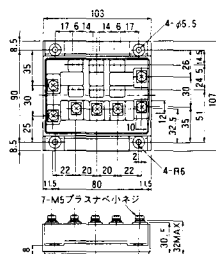
M-608



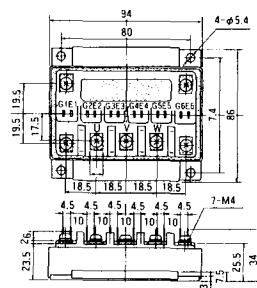
M-609



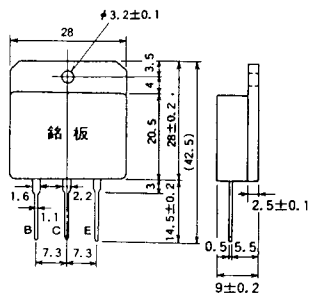
M-610



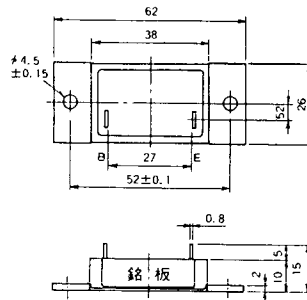
M-616



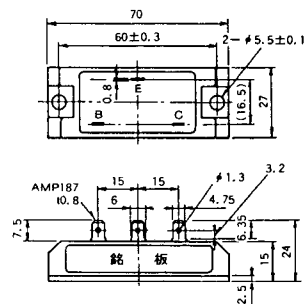
M-1A1A



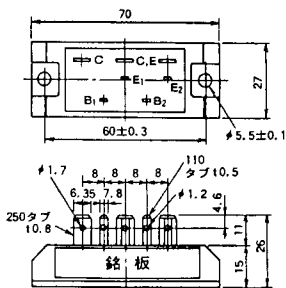
M-2A1A



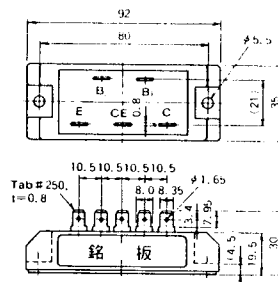
M-2B1A



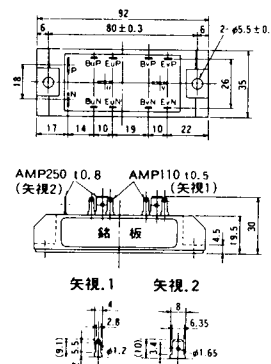
M-2B2A



M-2C2A



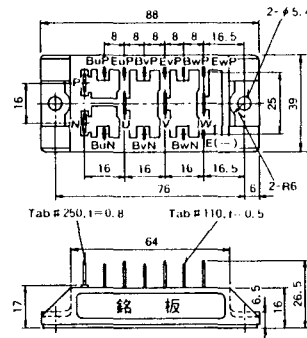
M-2D4A



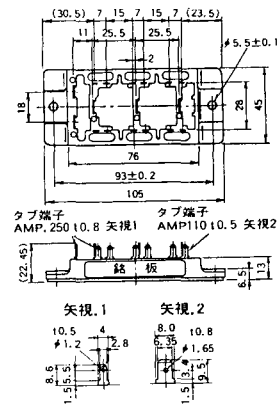
M-2E6A



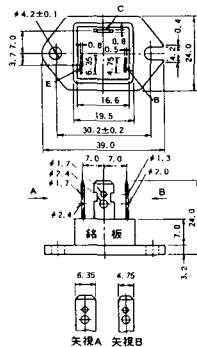
M-2F6A



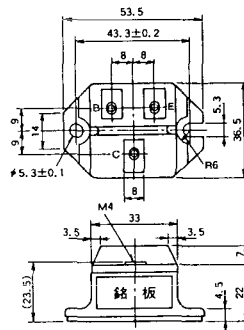
M-2G6A



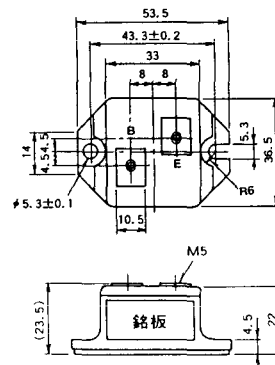
M-3A1A



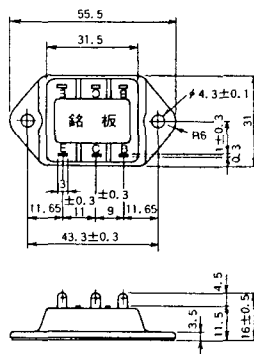
M-3B1A



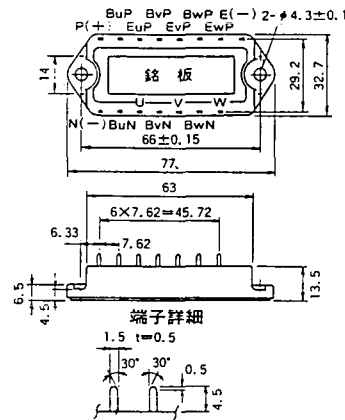
M-3B1B



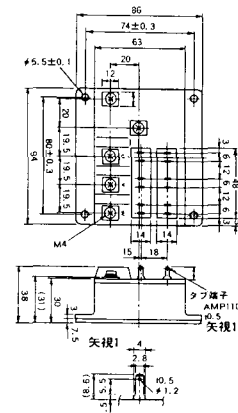
M-3C1A



M-3D6A



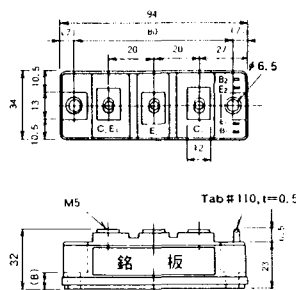
M-3E6A



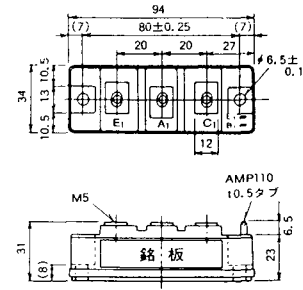
M-4A1A



M-4A2A



M-4A1B



M-4A2B



M-4B2A



M-5A1A



M-5A1B



M-5A2A



M-5B2A



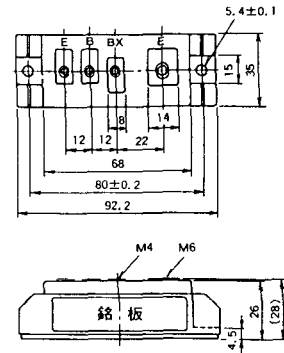
M-5C2A



M-5D2A



M-6A1A



M-7A1A



M-7B1A



M-8A1A



M-8A1B



M-8A2A



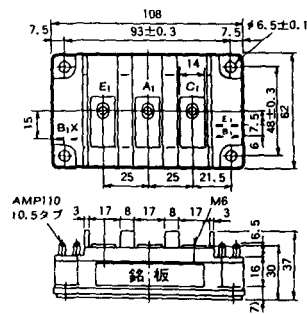
M-8A2B



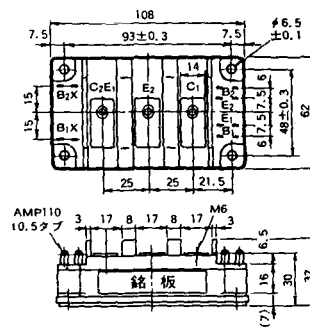
M-8B2A



M-9A1A



M-9A2A



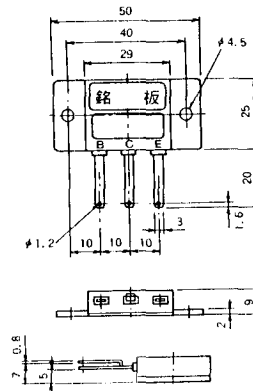
M-9B1A



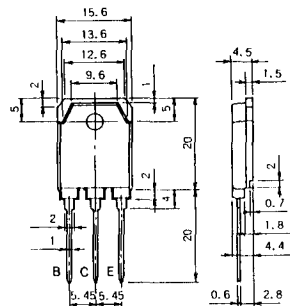
M-9C2A



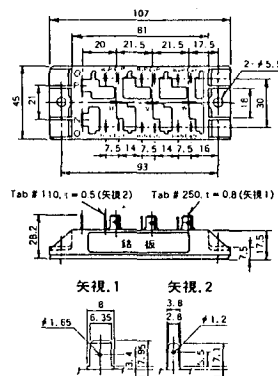
M-1A1B



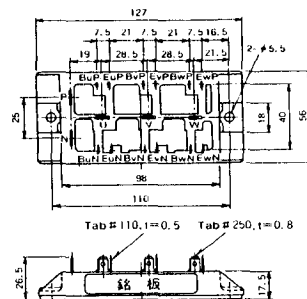
M-1A1C



M-2E6B



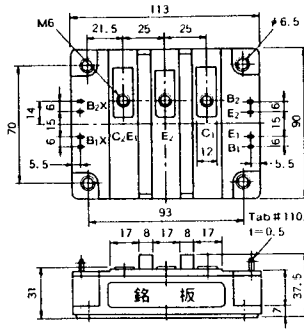
M-2E6C



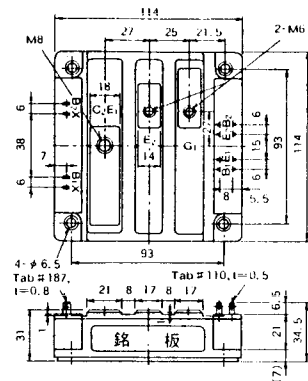
M-10A2A



M-10A2B



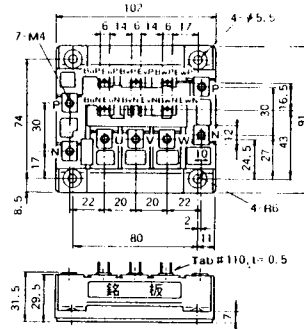
M-11A2A



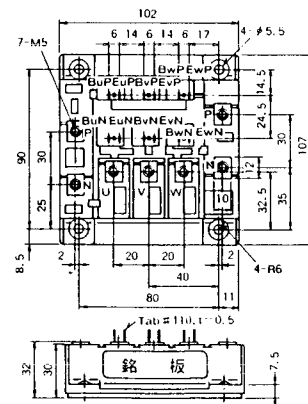
M-12A6A



M-12B6A



M-12B6B



M-4A2D



M-4A2E



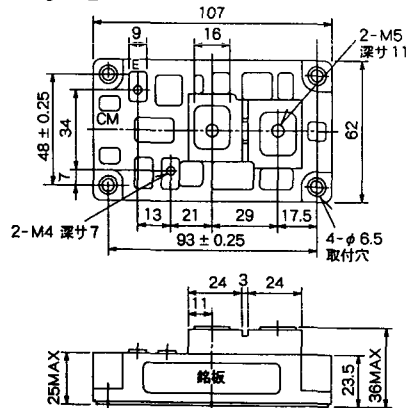
M-4C2A



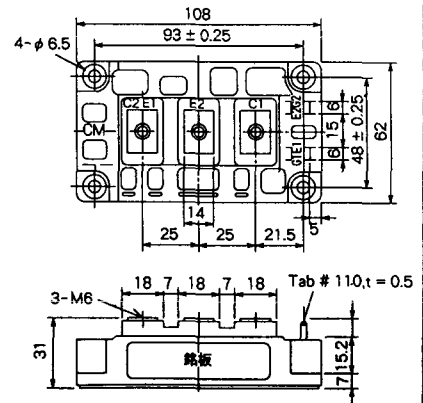
M-4C2B



M-9B1C



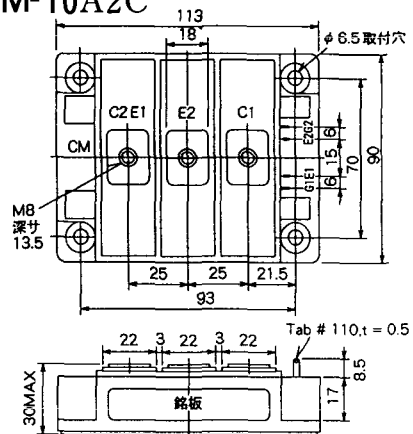
M-9D2A



M-9D2B



M-10A2C



H-101



Weight :480g

TERMINALS

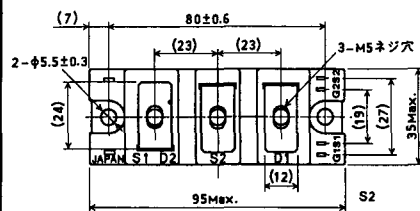
H-201



H-202



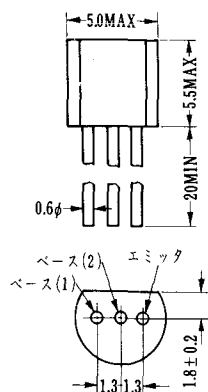
LF-J



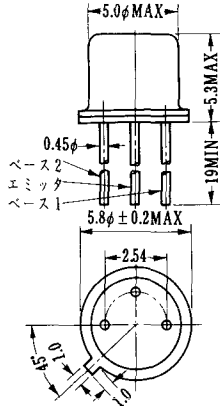
LF-K



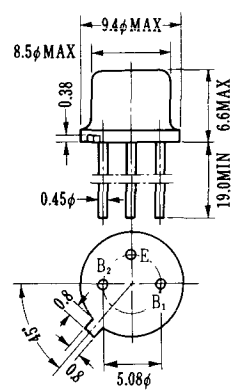
U-1



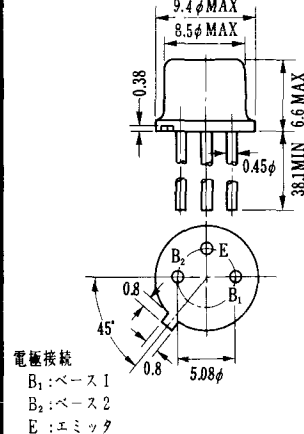
U-2



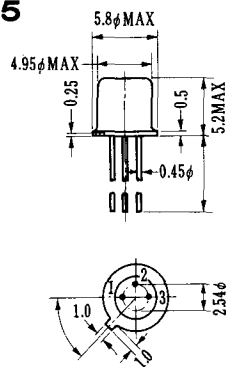
U-3



U-4

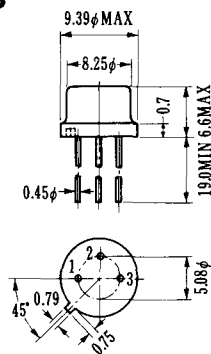


U-5



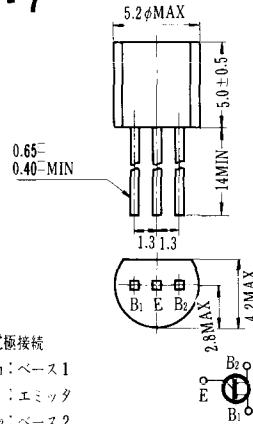
1. BASE 1
2. EMITTER
3. BASE 2 (CASE)

U-6



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

U-7



U-8

