

注1. $I_C = 1\text{ A}$, $V_{EB} = 2\text{ V}$, #印は V_{CEX} ($V_{EB} = 2\text{ V}$)。 注2. 60 Hz , 単相半波1サイクル波高値。 注3. $T_C = 25^\circ\text{C}$ 。 注4. AC, 1分間。

[illegible]

FD-1



FD-2



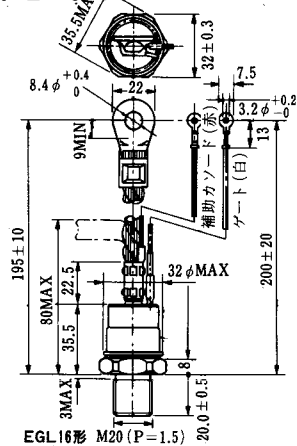
FD-3



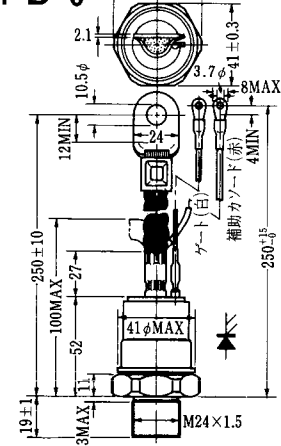
FD-4



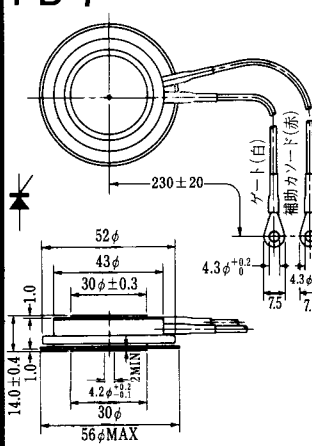
FD-5



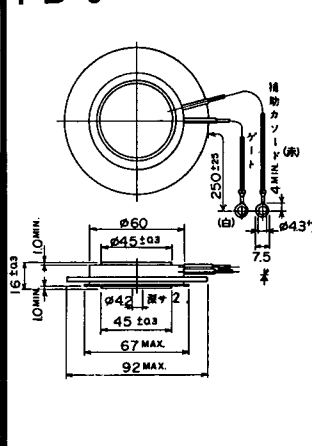
FD-6



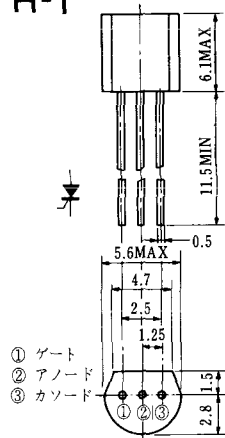
FD-7



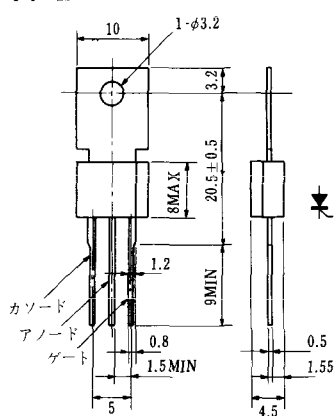
FD-8



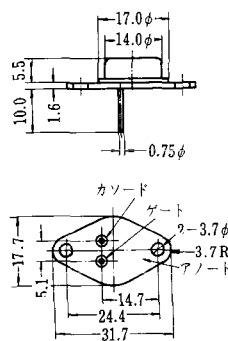
H-1



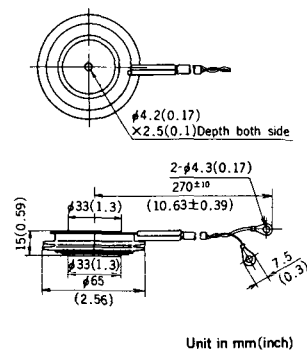
H-2



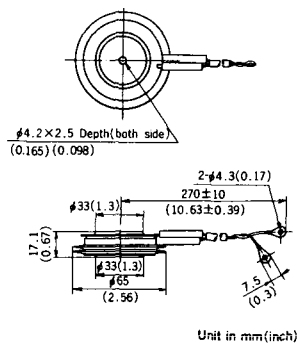
H-3



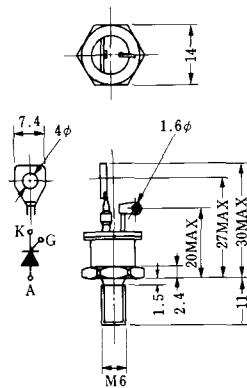
H-4



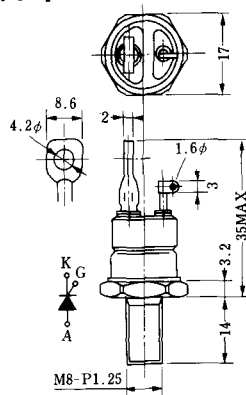
H-5



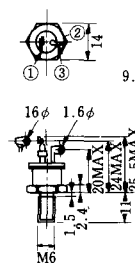
H-6



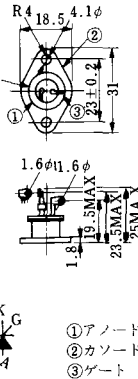
H-7



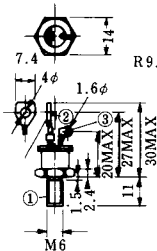
H-8A



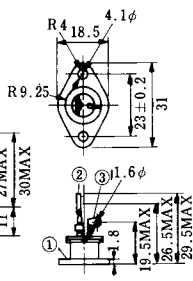
H-8B



H-9A

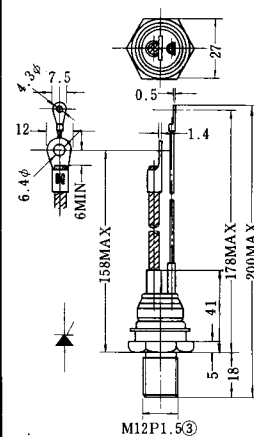


H-9B

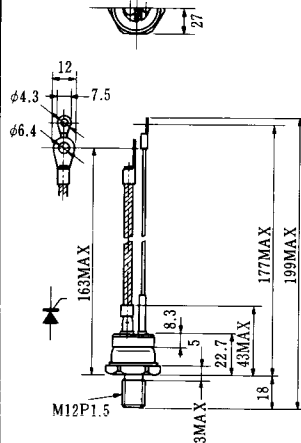


- ① アノード
- ② カソード
- ③ ゲート

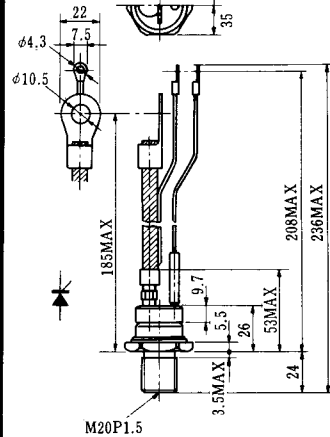
H-10



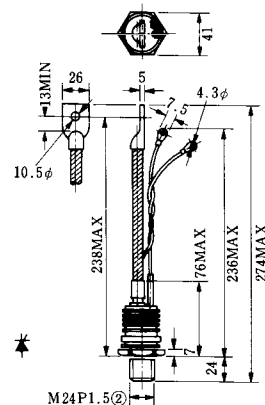
H-11



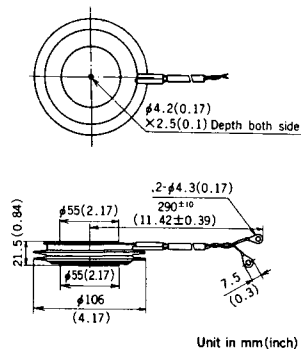
H-12



H-13

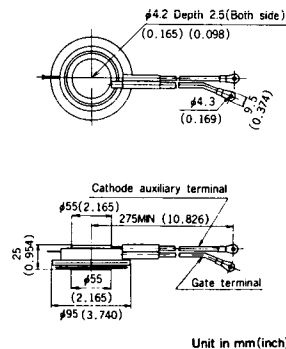


H-14



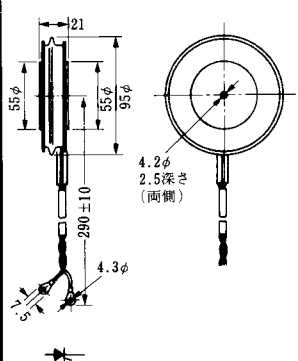
Unit in mm (inch)

H-15

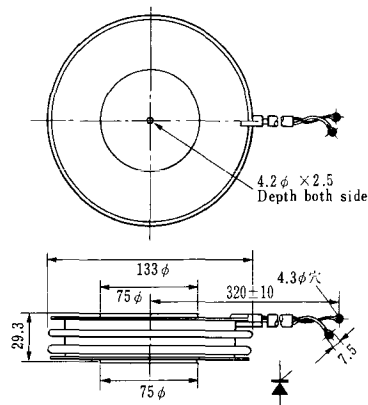


Unit in mm (inch)

H-16



H-17



H-18



H-19



H-20



H-21



H-22



H-23



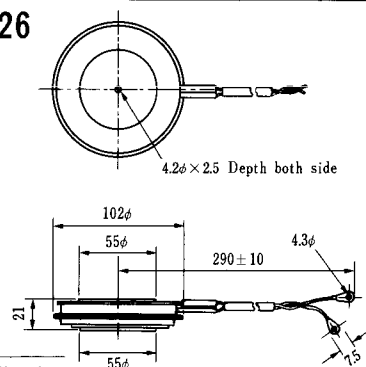
H-24



H-25



H-26



Type	Direction of polarity
CA12	

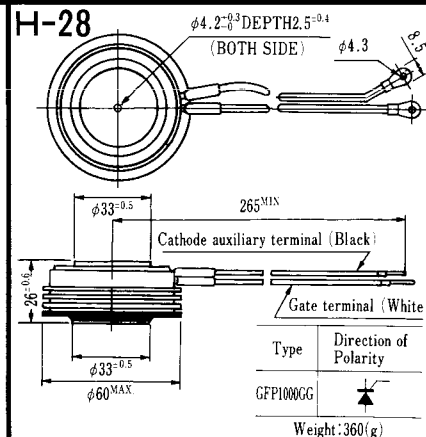
H-27



Type	Direction of polarity
CF11V	

(注) CC11V: 400 ± 10
CF11V: 250 ± 10

H-28



Type	Direction of Polarity
GFP100GG	

Weight: 360(g)

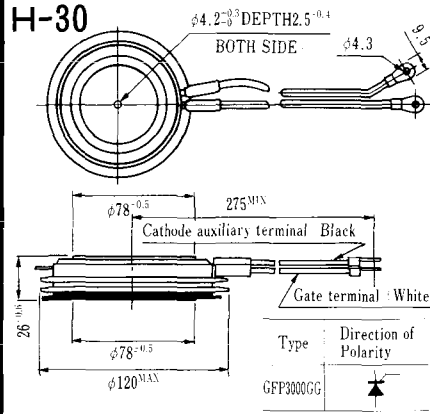
Note: The thickness is a dimension in press at the rated mounting force.

H-29



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

H-30



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

HT-1



Unit in mm (inch)

HT-2



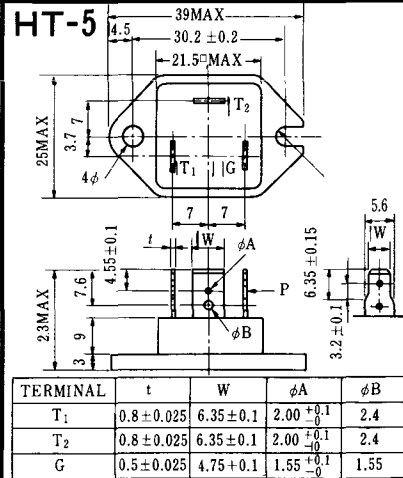
HT-3



HT-4



HT-5



《寸法図単位：mm》

M-1



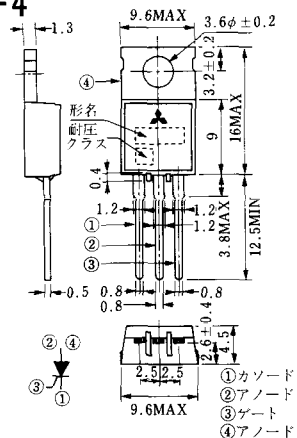
M-2



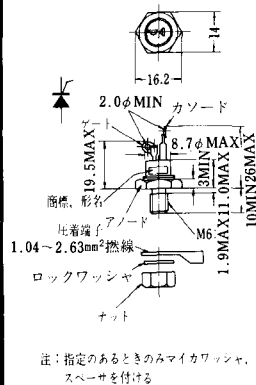
M-3



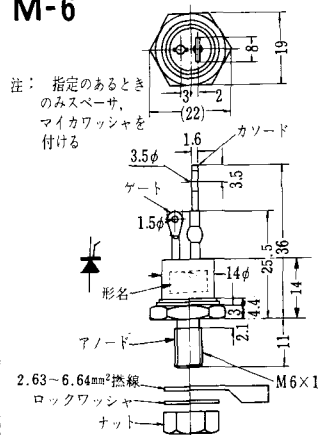
M-4



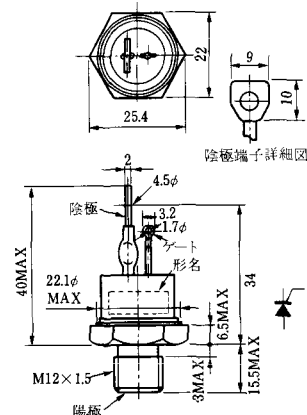
M-5



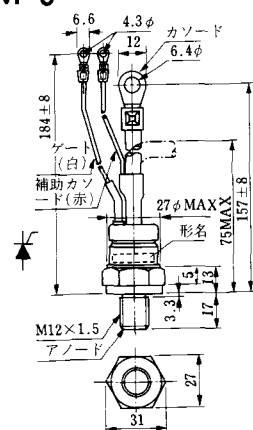
M-6



M-7



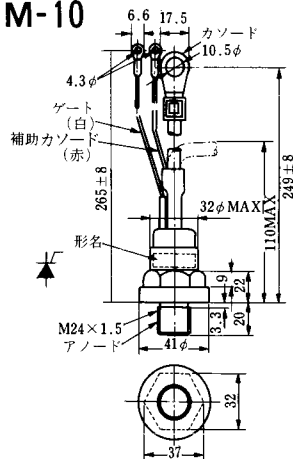
M-8



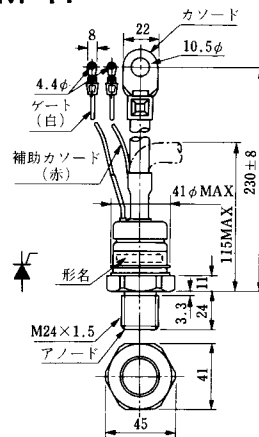
M-9



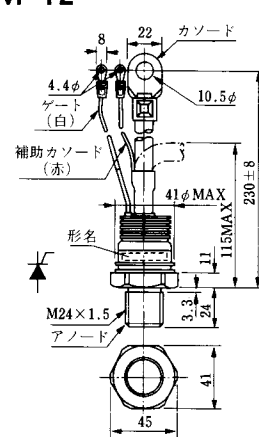
M-10



M-11



M-12



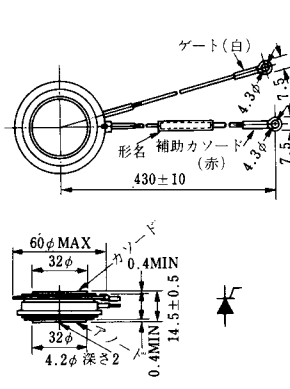
M-13



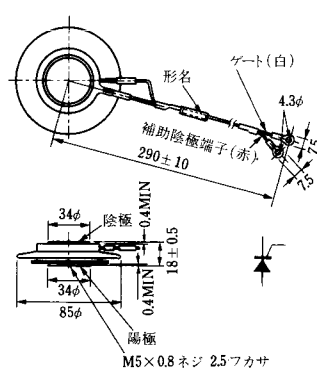
M-14



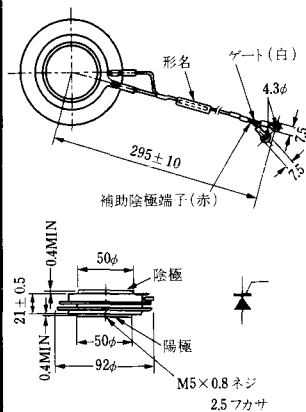
M-15



M-16



M-17



M-18



M-19



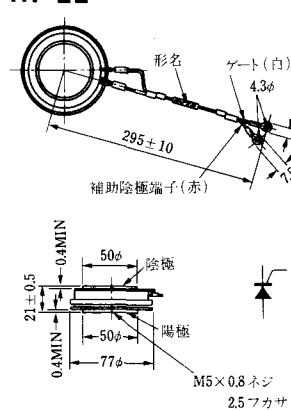
M-20



M-21



M-22



M-23



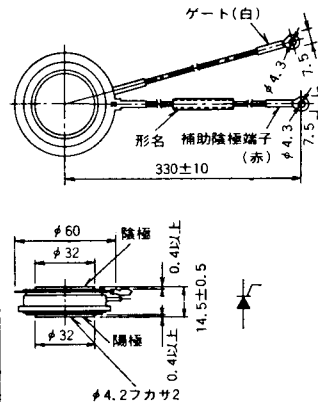
M-24



M-25



M-26



M-27



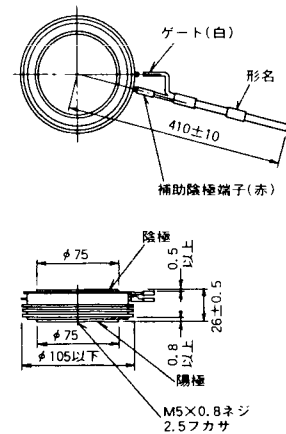
M-28



M-29



M-30



M-31



M-32



M-33



M-34



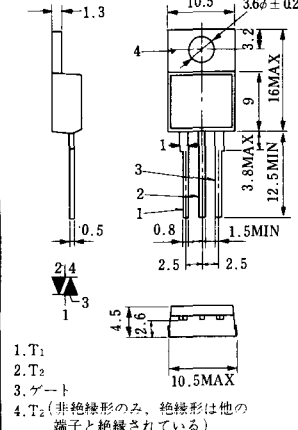
MT-1



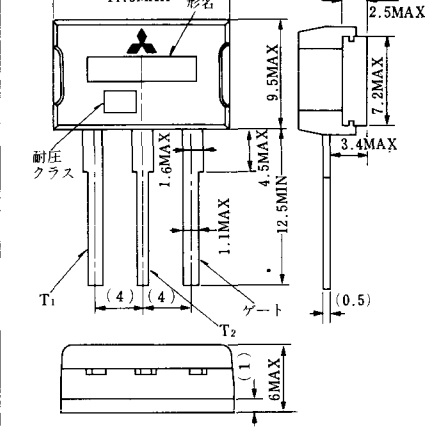
MT-2



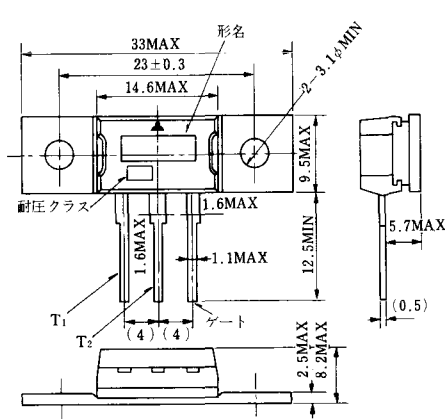
MT-3



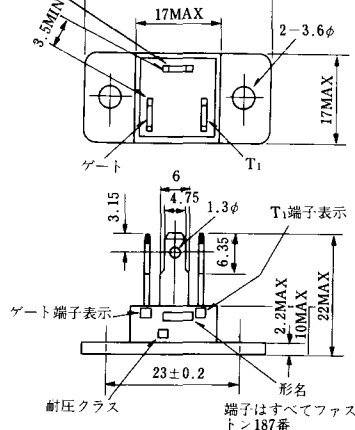
MT-4



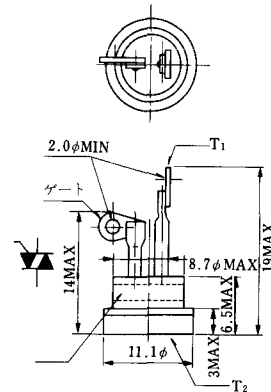
MT-5



MT-6



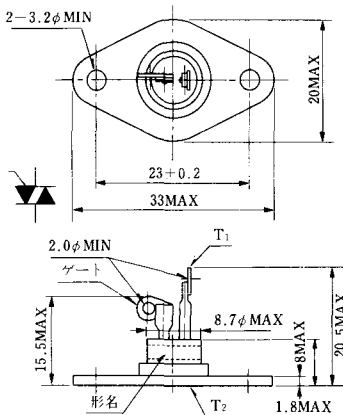
MT-7



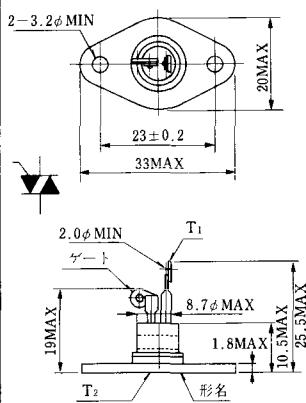
MT-8



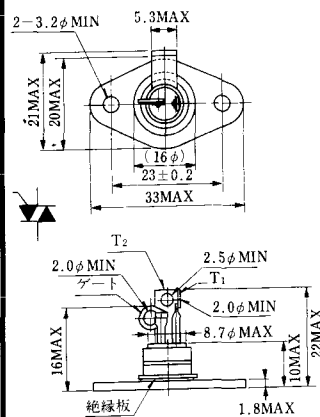
MT-9



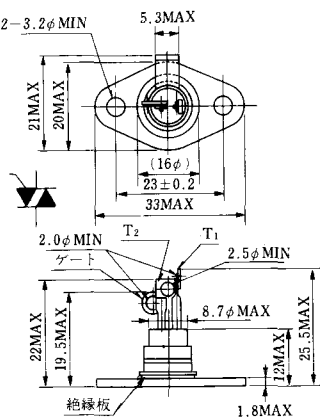
MT-10



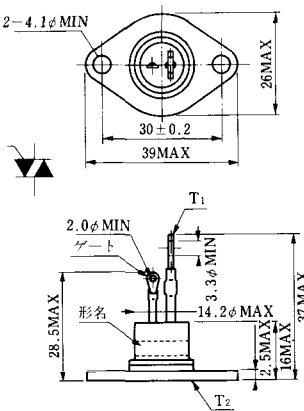
MT-11



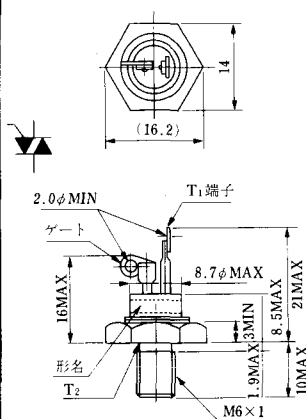
MT-12



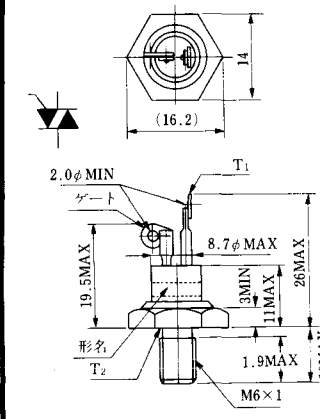
MT-13



MT-14



MT-15



MT-16



MT-17



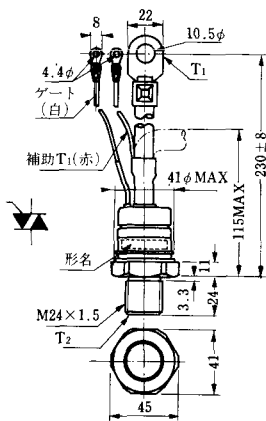
MT-18



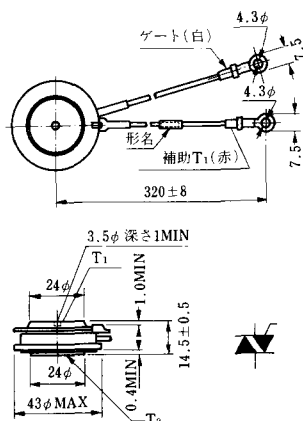
MT-19



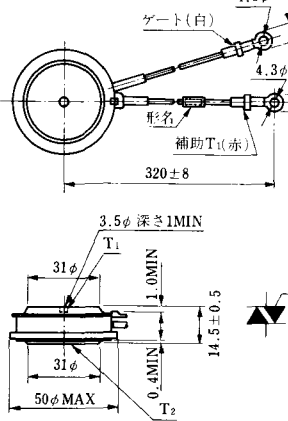
MT-20



MT-21



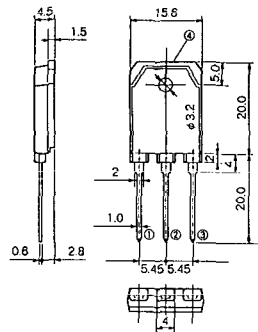
MT-22



MT-23



MT-24



TO - 3P

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

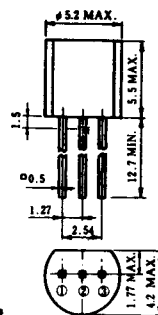
N-1



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 ヤート
- ② アノード
- ③ カソード

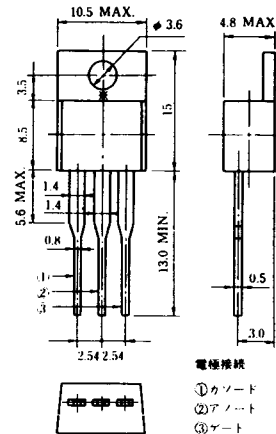
N-3



電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-4



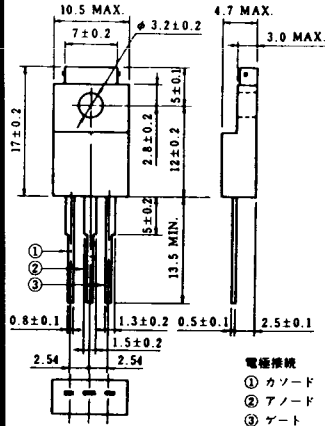
電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-5



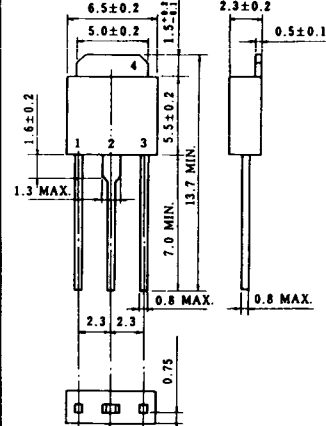
N-6



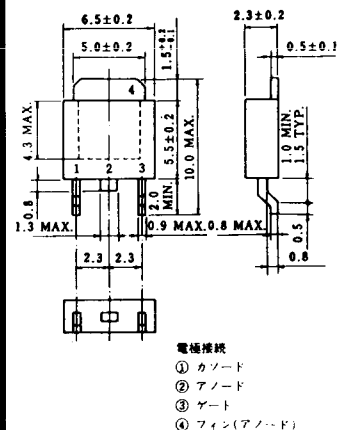
電極接続

- 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

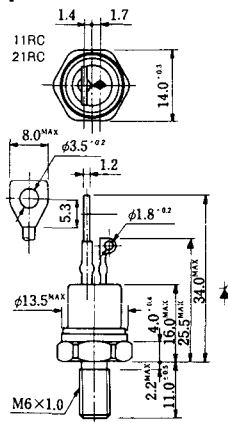


電極接続

1. カソード
2. アノード
3. ゲート

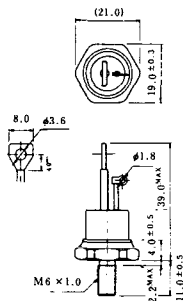
JEDEC: TO-202AA

NI-1



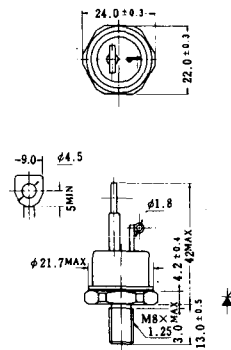
NI-2

29RD



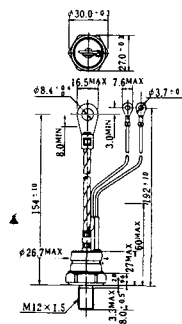
NI-3

39RC
59RC
39RF
59RF



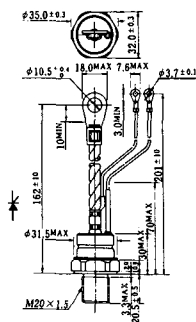
NI-4

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



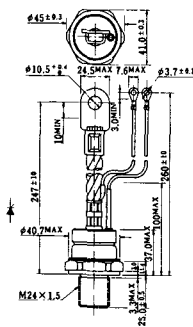
NI-5

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



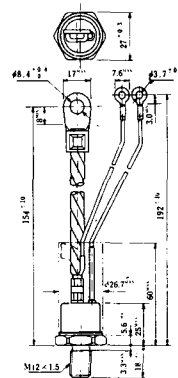
NI-6

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



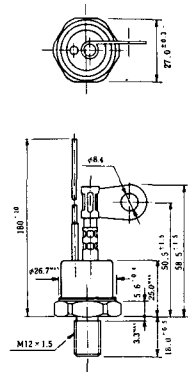
NI-7

89RW $\frac{1}{2}$ L
129RW $\frac{1}{2}$ L



NI-8

89RW
129RW



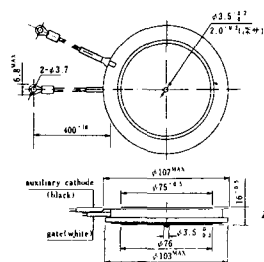
NI-16

503PLF
503PLH



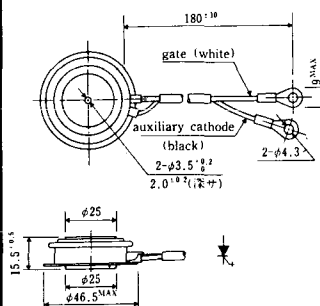
NI-17

3003PA



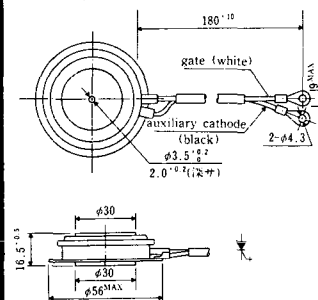
NI-18

353PGA「E



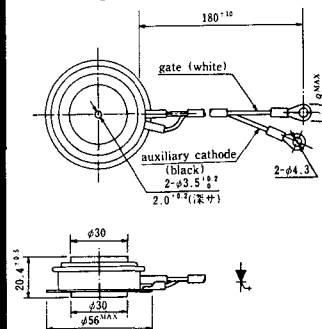
NI-19

603PGA, 603PGA「A, 803PGA



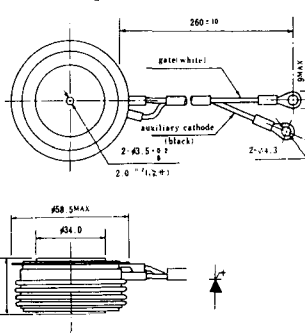
NI-20

603PGA「E



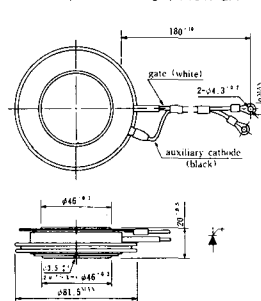
NI-21

1001PGB「E



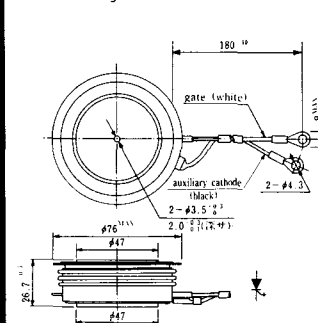
NI-22

1201PGA, 1201PGA「A, 1401PGA



NI-23

1201PGA「E



NI-24

2001PGB⁺ 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



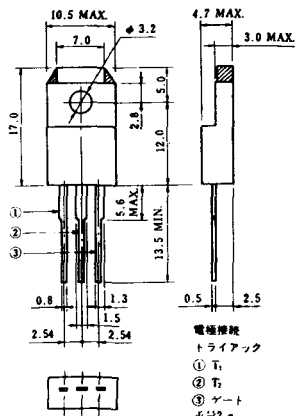
電極接続
① T₁
② T₂
③ ゲート

NT-4



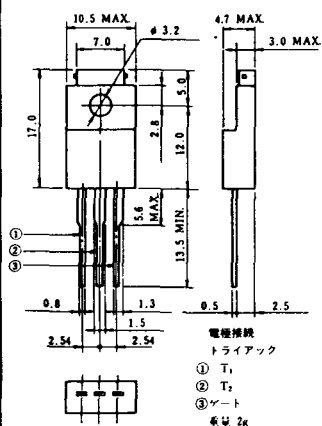
電極接続
① T₁
② T₂
③ G

NT-5



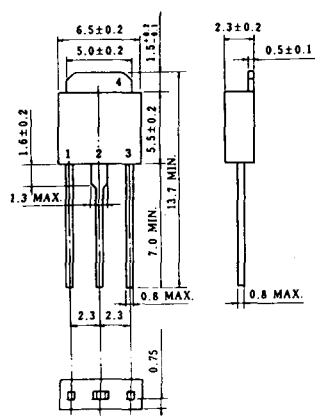
電極接続
トライアック
① T₁
② T₂
③ ゲート
④ 2K

NT-6

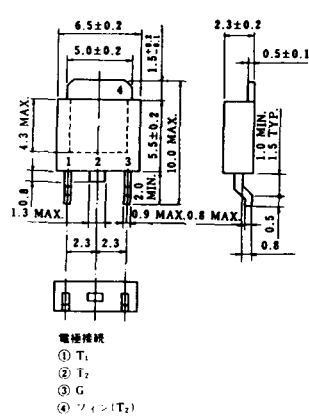


電極接続
トライアック
① T₁
② T₂
③ ゲート
④ 2K

NT-7



NT-8

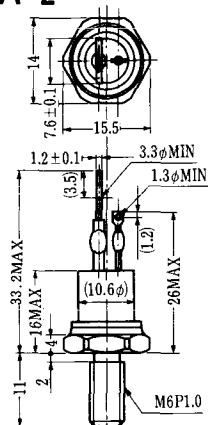


電極接続
① T₁
② T₂
③ G
④ T₁ (T₂)

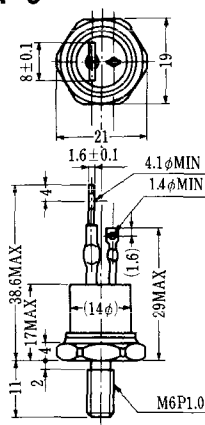
SA-1



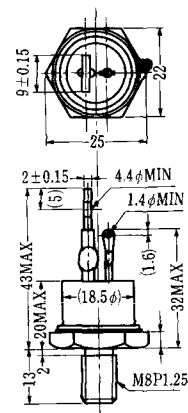
SA-2



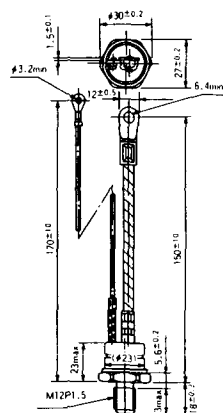
SA-3



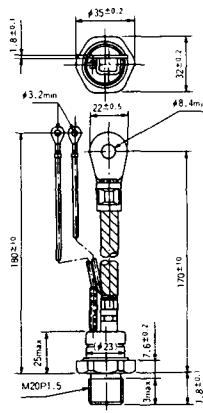
SA-4



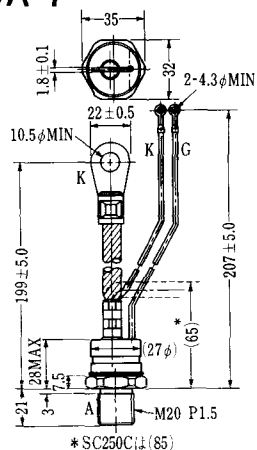
SA-5



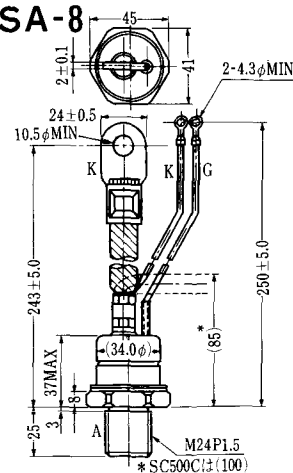
SA-6



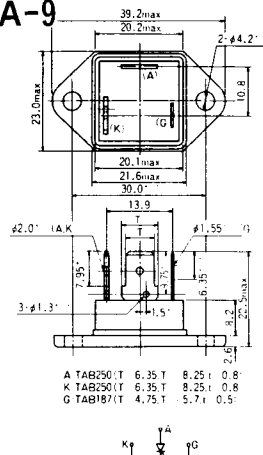
SA-7



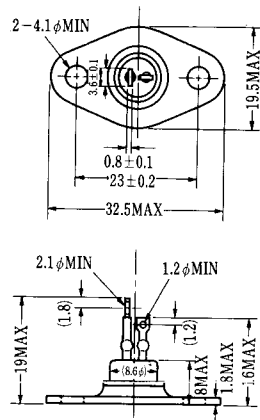
SA-8



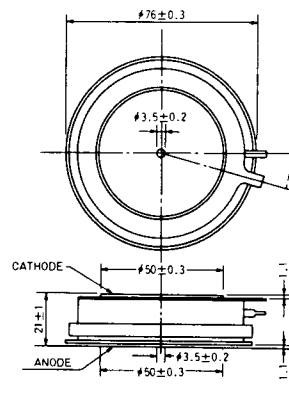
SA-9



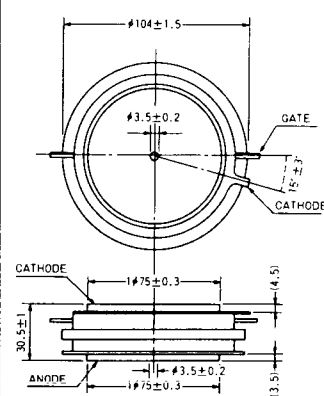
SA-10



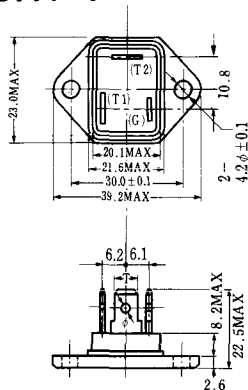
SA-11



SA-12



SAT-1

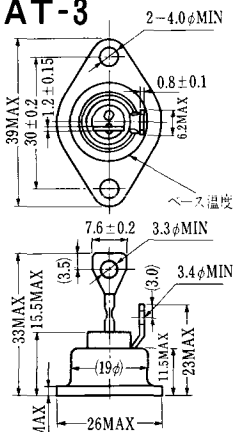


T1端子:ファストン250($T=6.35$, $t=0.8$, $\phi=1.65$)
T2端子:ファストン250($T=6.35$, $t=0.8$, $\phi=1.65$)
G端子:ファストン187($T=4.75$, $t=0.5$, $\phi=1.3$)

SAT-2



SAT-3



SAT-4



SAT-5



SAT-6



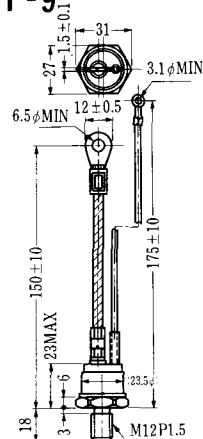
SAT-7



SAT-8



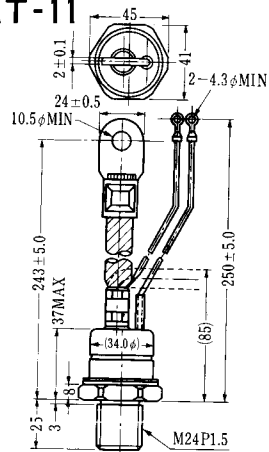
SAT-9.



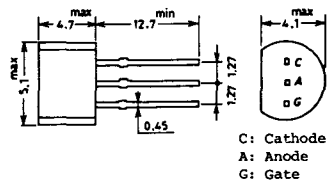
SAT-10



SAT-11



SY-1(1096A)



SY-2(1151)



SY-3(1104)



SY-4(1150)



1097A



G: Gate

1102



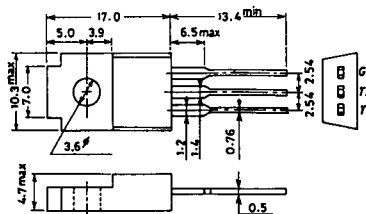
1141



1142



1144



1155



1192A

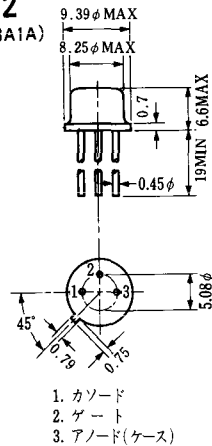


G: Gate

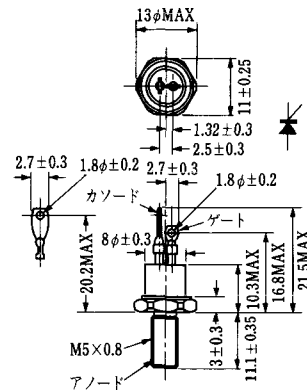
T-1 (13-5A1A)



T-2 (13-8A1A)



T-3 (13-8C1A)



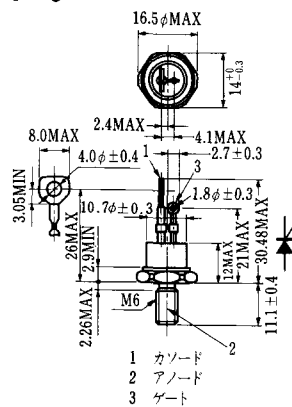
T-4 (13-10A1A)



T-5 (13-10B1A)



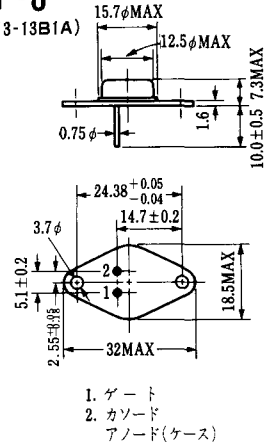
T-6 (13-11D1A)



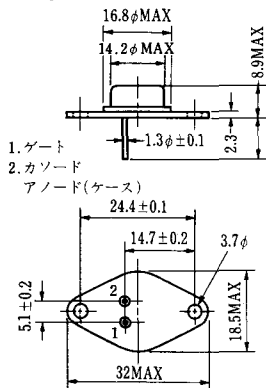
T-7 (13-13A1A)



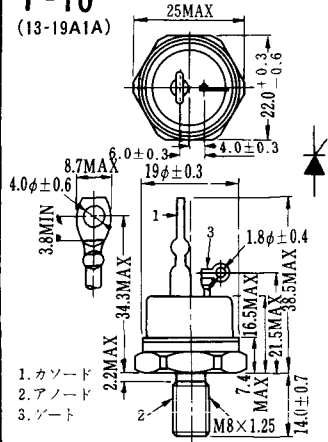
T-8 (13-13B1A)



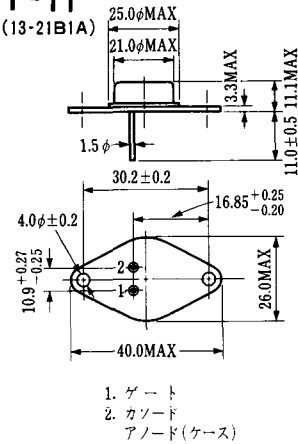
T-9 (13-14A1A)



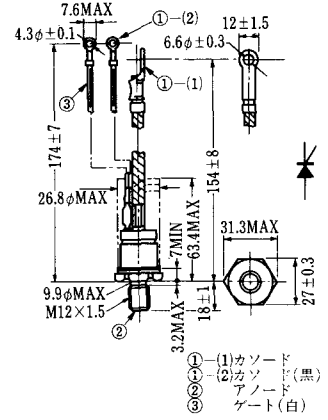
T-10 (13-19A1A)



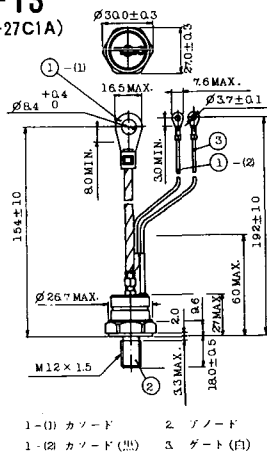
T-11 (13-21B1A)



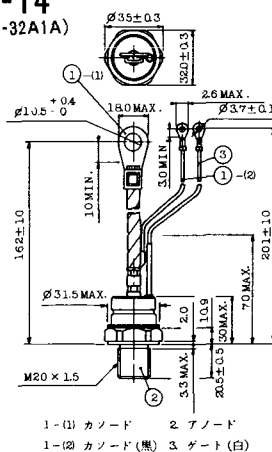
T-12 (13-27B1B)



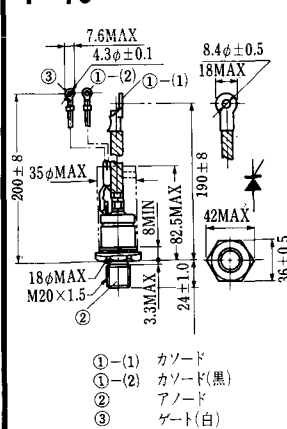
T-13 (13-27C1A)



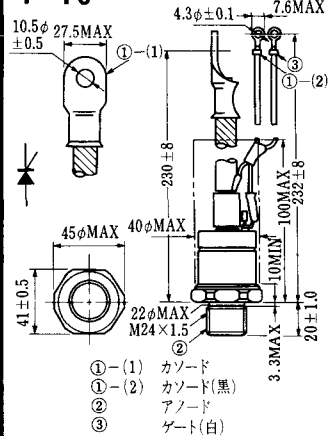
T-14 (13-32A1A)



T-15 (13-35C1B)



T-16 (13-40B1A)



T-17 (13-42A1A)



T-18 (13-45D1A)



T-19 (13-52B1A)



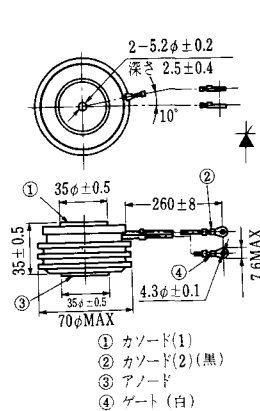
T-20 (13-52C1A)



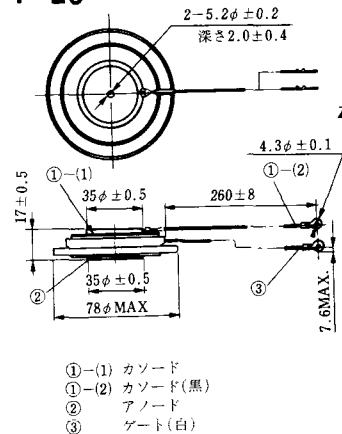
T-21 (13-60A1A)



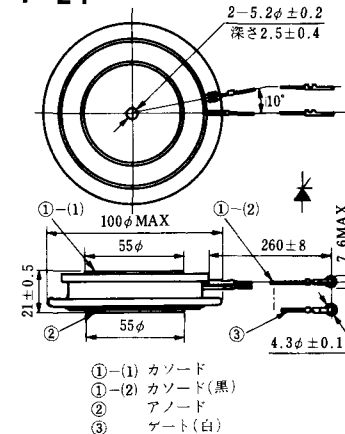
T-22 (13-70C1A)



T-23 (13-78A1A)



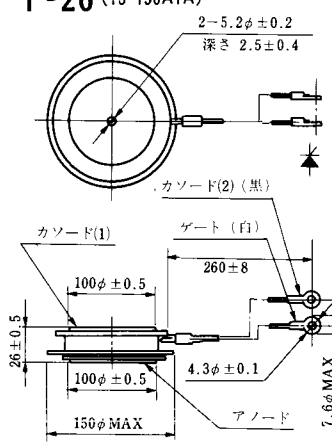
T-24 (13-100C1A)



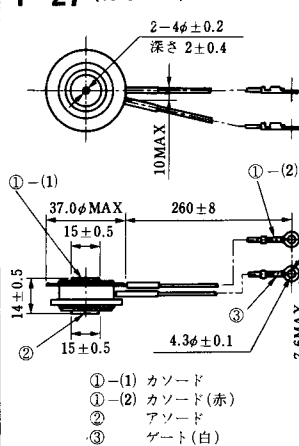
T-25 (13-120A2A)



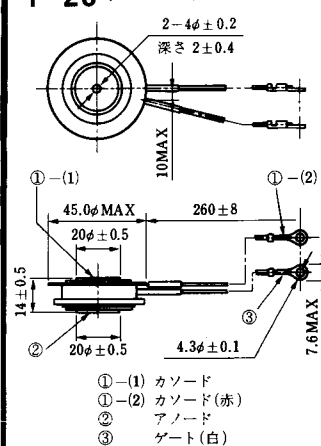
T-26 (13-150A1A)



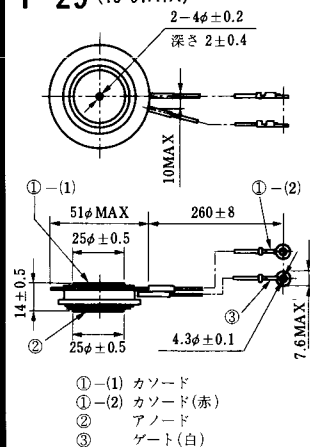
T-27 (13-37A1A)



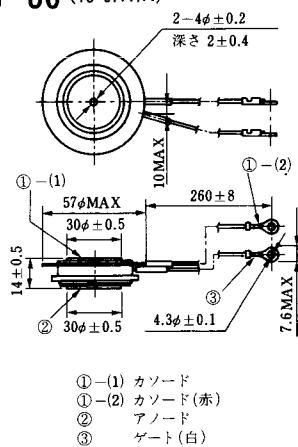
T-28 (13-45E1A)



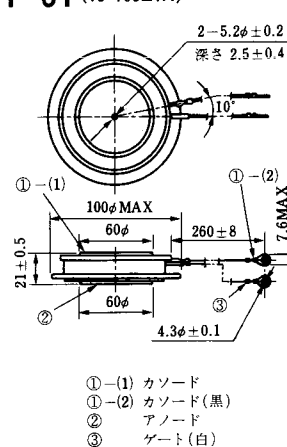
T-29 (13-51A1A)



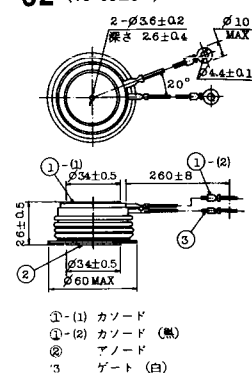
T-30 (13-57A1A)



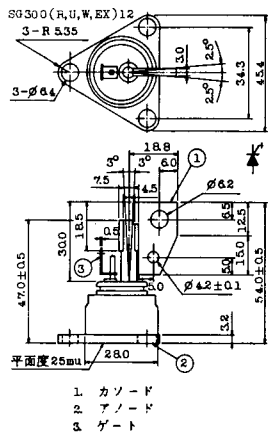
T-31 (13-100E1A)



T-32 (13-60E3A)



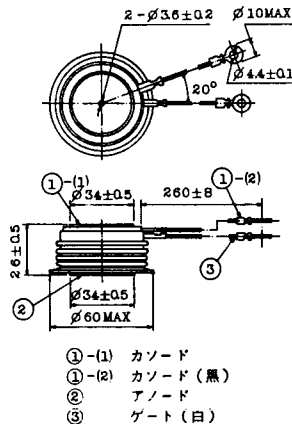
T-41 (13-28A2A)



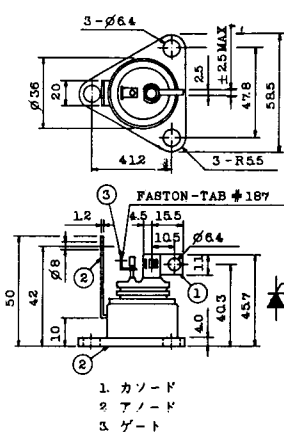
T-42 (13-45F1A)



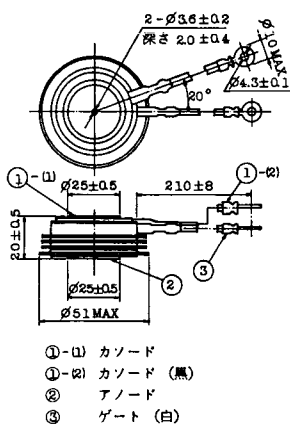
T-43 (13-60E2A)



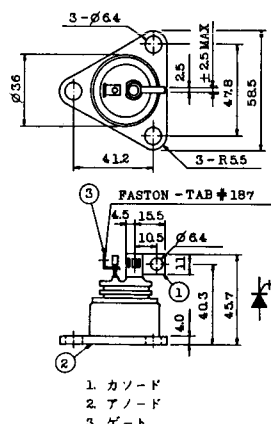
T-44 (13-36A1A)



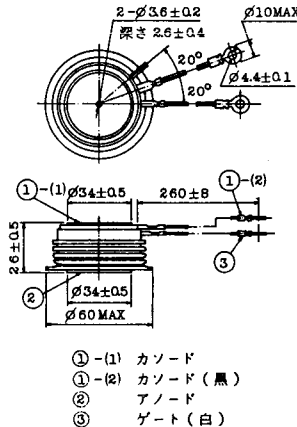
T-45 (13-51B1A)



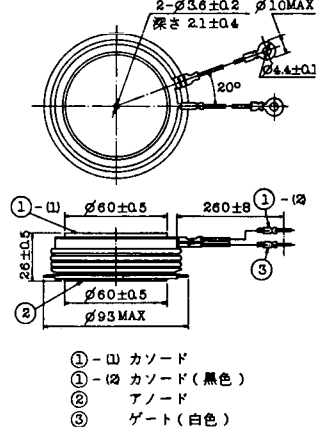
T-46 (13-36B1A)



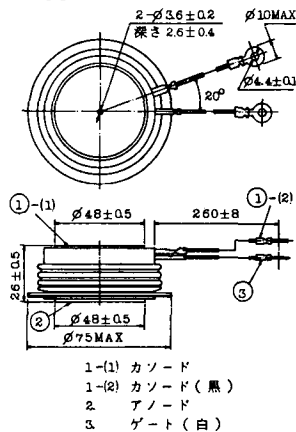
T-47 (13-60E1A)



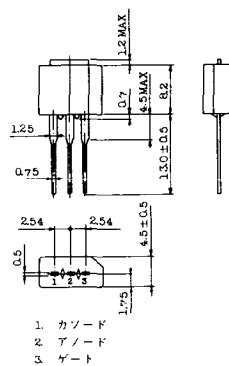
T-48 (13-93C1A)



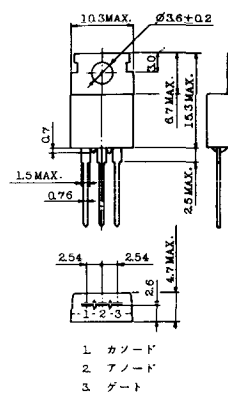
T-49 (13-75A1A)



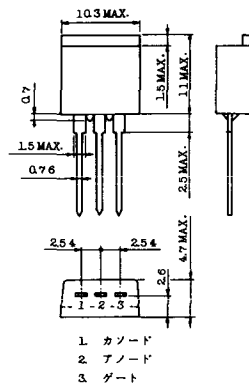
T-50 (13-10A3A)



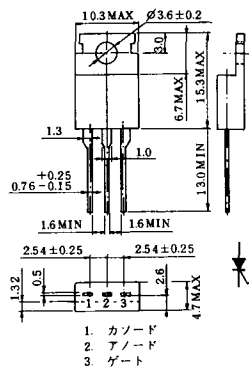
T-51 (13-10D1A)



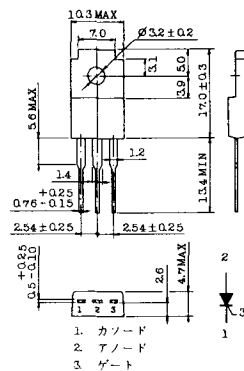
T-52 (13-10D2A)



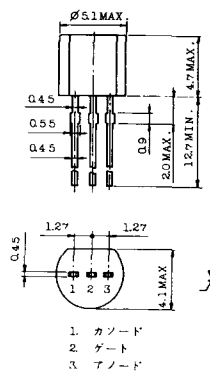
T-53 (13-10E1B)



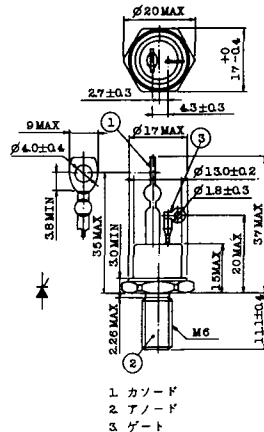
T-54 (13-10F1B)



T-55 (13-5A1D)



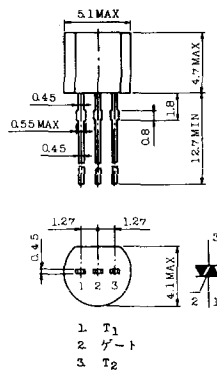
T-56 (13-13C1A)



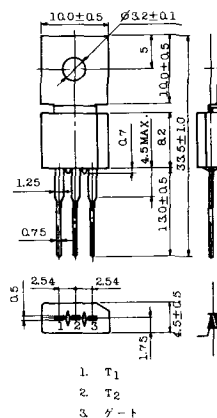
TT-1



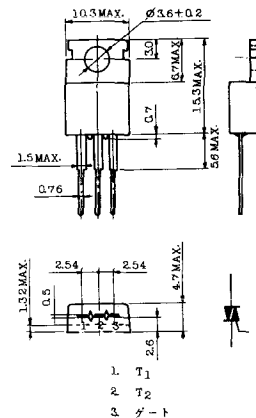
TT-2



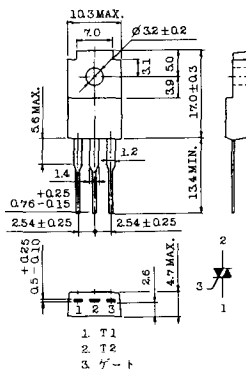
TT-3



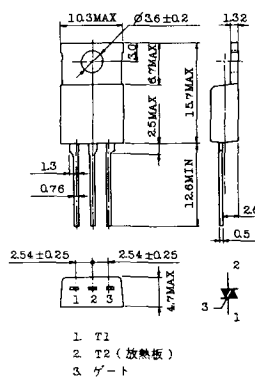
TT-4



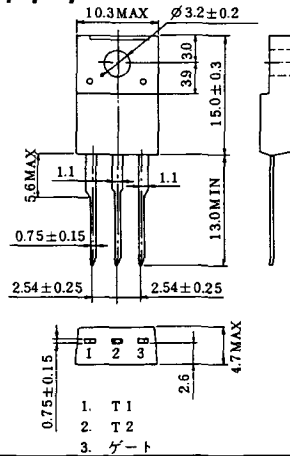
TT-5



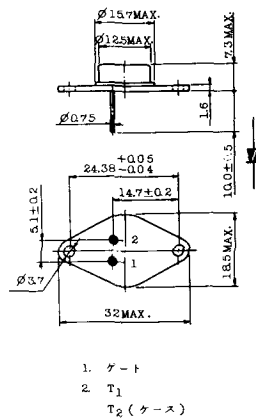
TT-6



TT-7



TT-8



TT-9



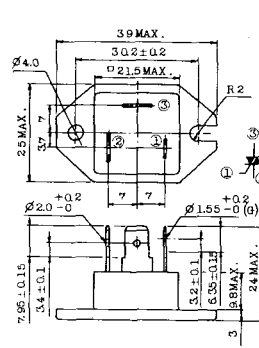
1. ゲート
2. T₁
3. T₂ (ケース)

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)

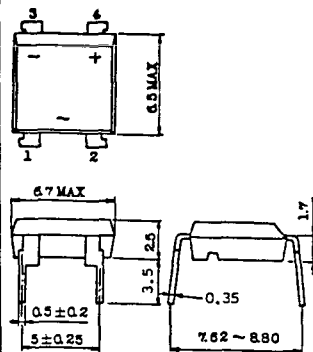
TT-12



ゲート端子詳細

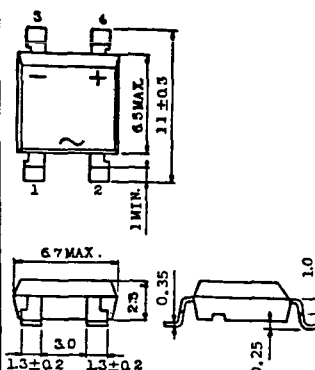
- ① ゲート (ファストン端子 #187)
- ② T₁ (" #250)
- ③ T₂ (" #250)

TT-13



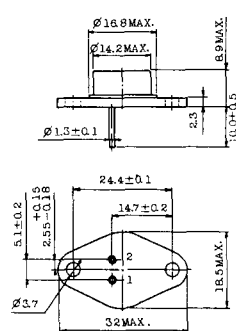
- 1, 2: T₂
- 3: GATE
- 4: T₁

TT-14



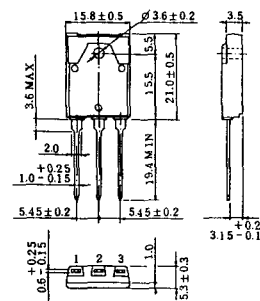
- 1, 2: T₂
- 3: GATE
- 4: T₁

TT-15 (13-14A1B)



1. ゲート
2. T₁
- T₂ (ケース)

TT-16 (13-16A1A)

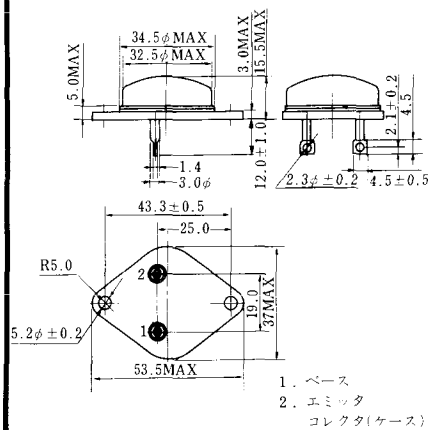


1. T₁
2. T₂
3. ゲート

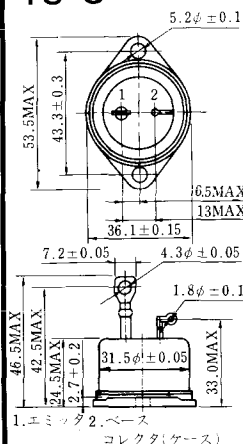
TS-1



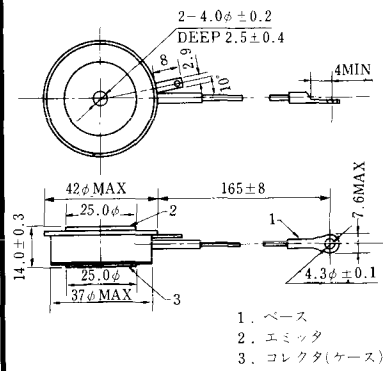
TS-2



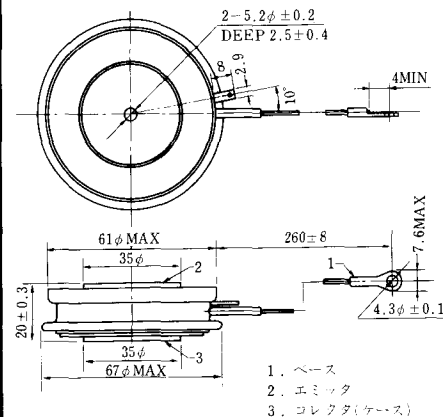
TS-3



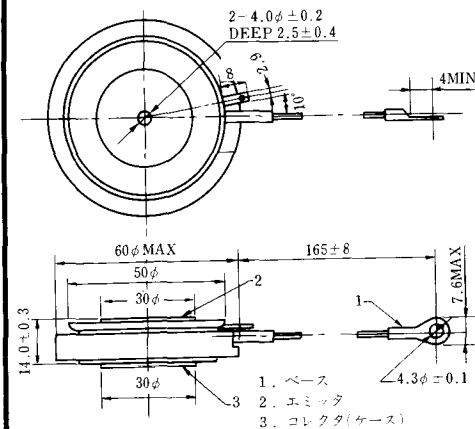
TS-4



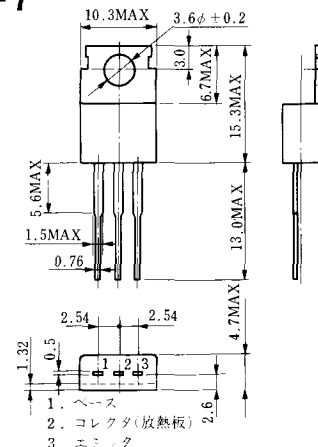
TS-5

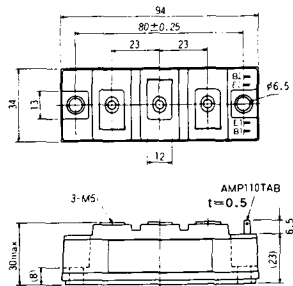
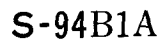


TS-6

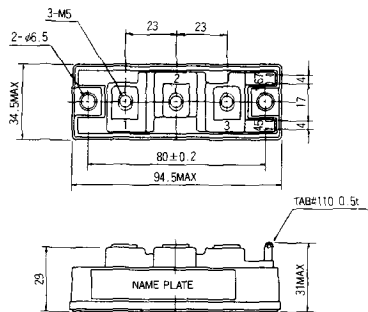


TS-7

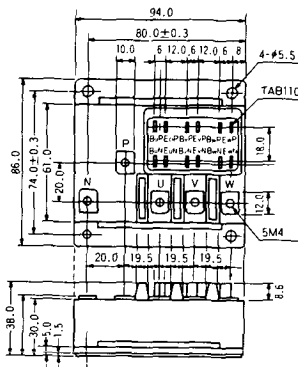




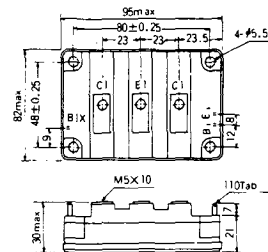
S-94B2A



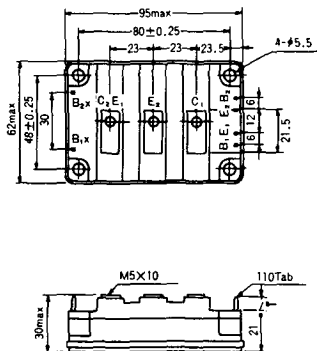
S-94D1A



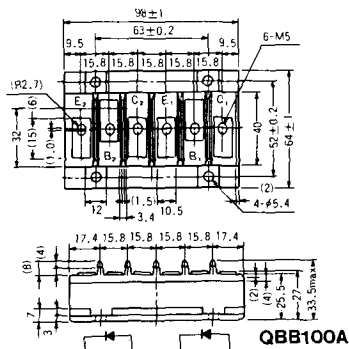
S-95A1A



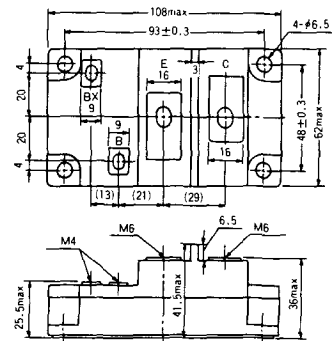
S-95B1A



S-98B1B



S-108A2A



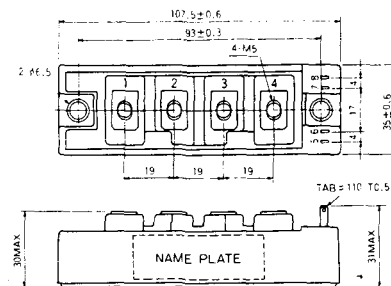
S-108B1A



S-108B1B



S-108B1C



S-108B2A



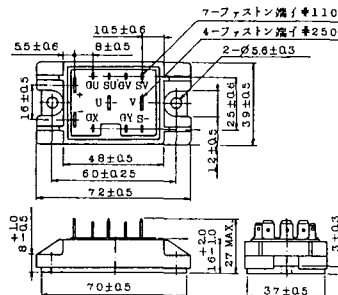
S-108B2B



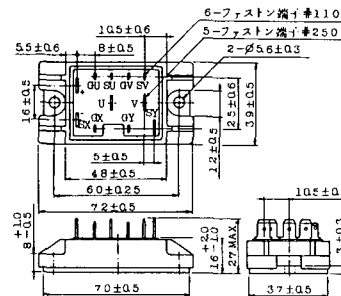
2-48A3A



2-48A3B



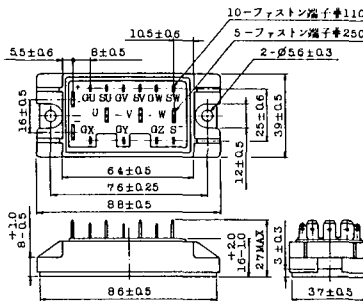
2-48A4A



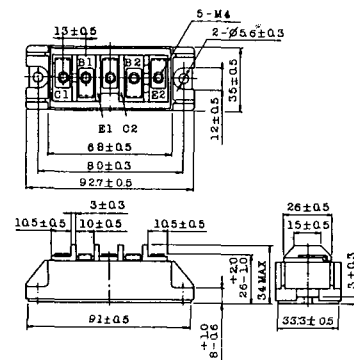
2-64A2A

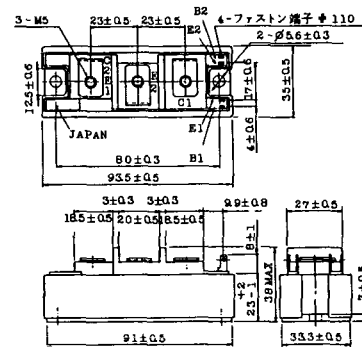
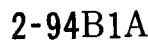
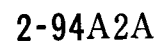


2-64A2B

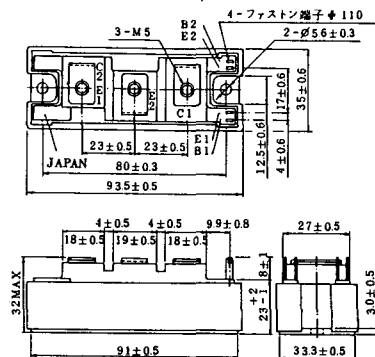


2-68A2A

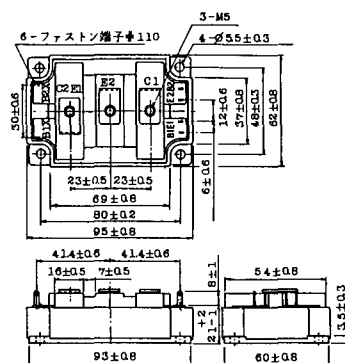




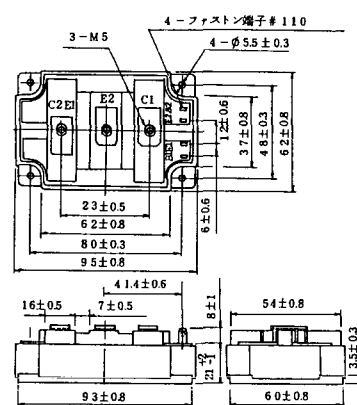
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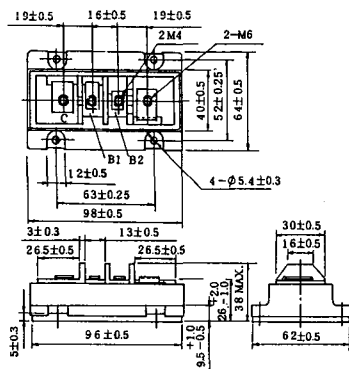
2-96A3A



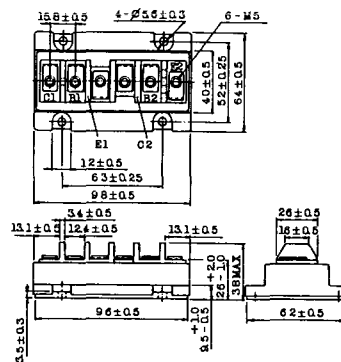
2-96A4A



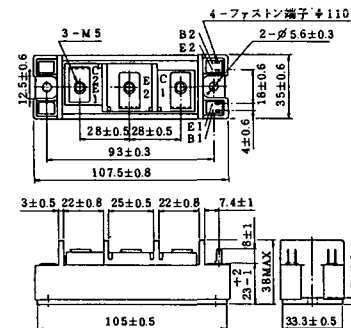
2-98B1A



2-98C2A



2-108A2A



BBT-II

BBTII
1D200A-020



BBT-III

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



BBT-III

BBTIII
ETN01-055
ET1257



BBT-IV

BBTIV
1D500A-030



M-107



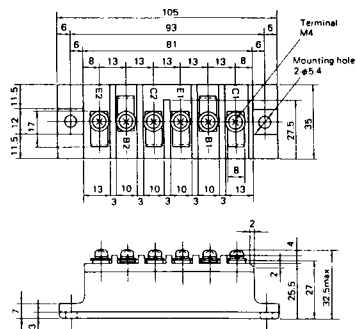
M-116



M-201



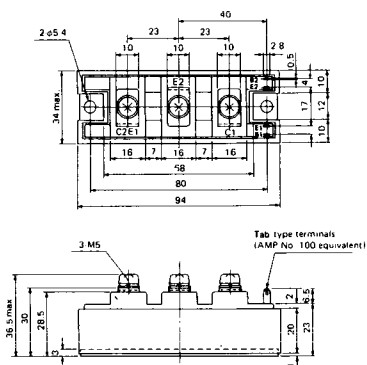
M-202



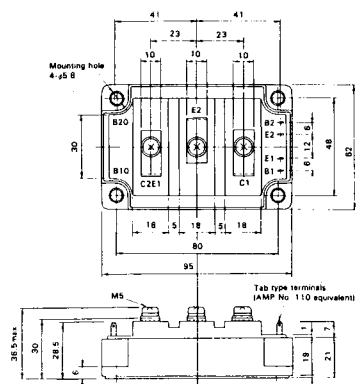
M-203



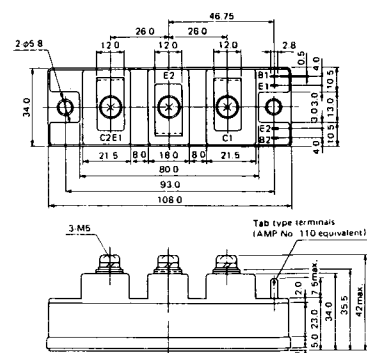
M-204



M-205



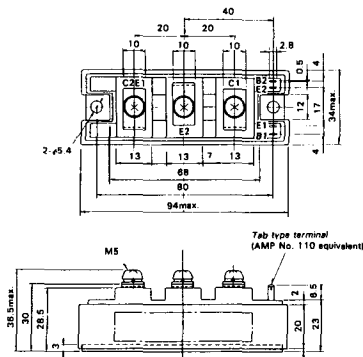
M-206



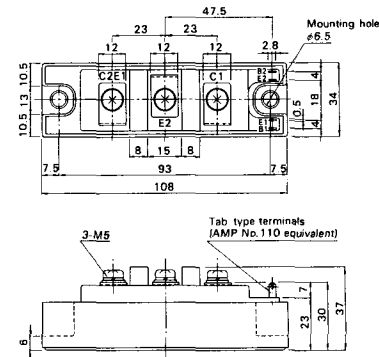
M-207



M-208



M-209



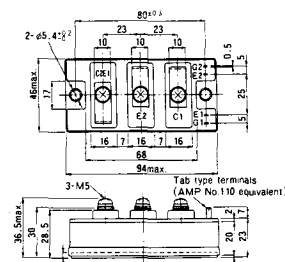
M-210



M-211



M-212



M-213



M-214

M-215



M-216



M-217



M-218



M-601



M-602



M-603



M-604



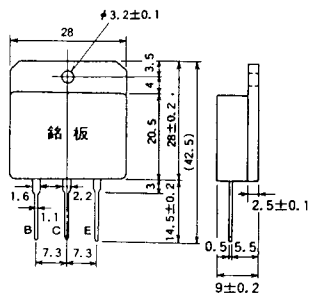
M-605



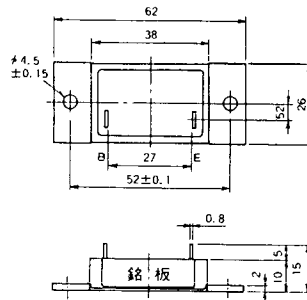
M-606



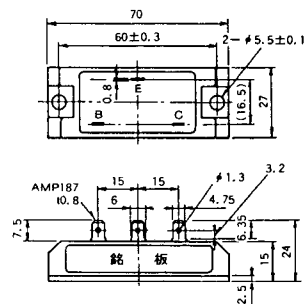
M-1A1A



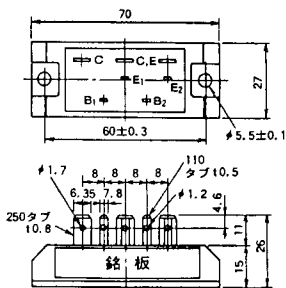
M-2A1A



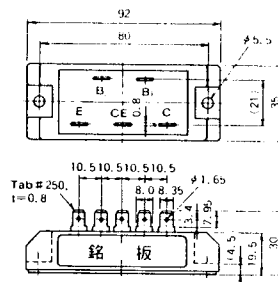
M-2B1A



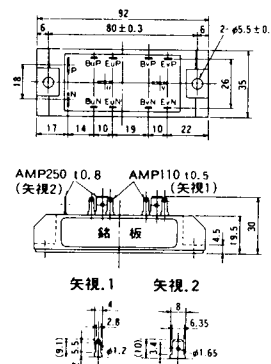
M-2B2A



M-2C2A



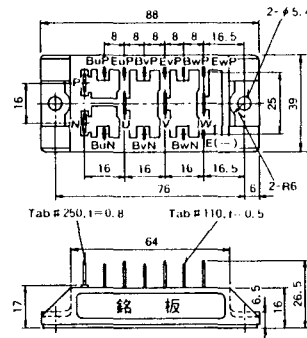
M-2D4A



M-2E6A



M-2F6A



M-2G6A



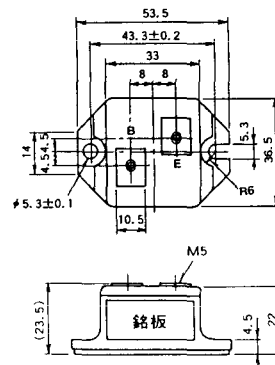
M-3A1A



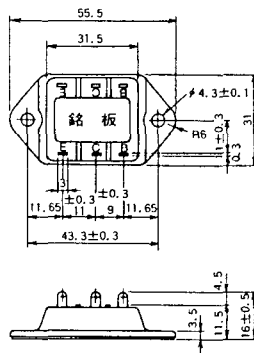
M-3B1A



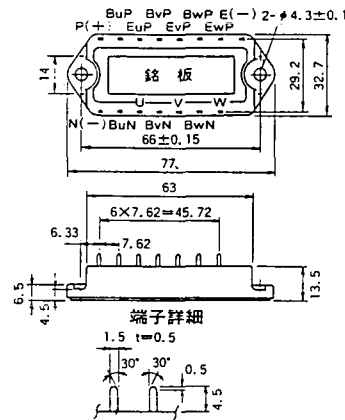
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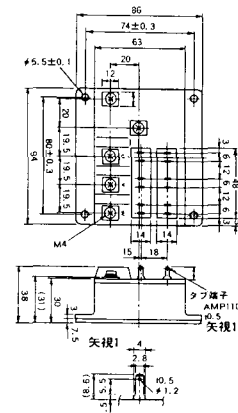
M-3C1A



M-3D6A



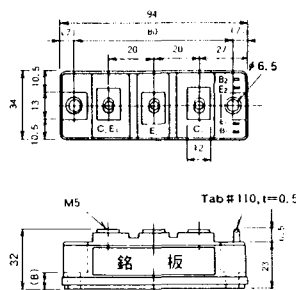
M-3E6A



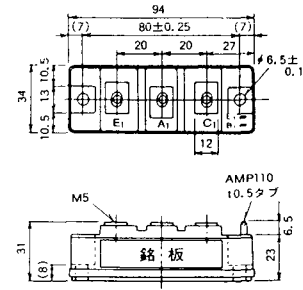
M-4A1A



M-4A2A



M-4A1B



M-4A2B



M-4B2A



M-5A1A



M-5A1B



M-5A2A



M-5B2A



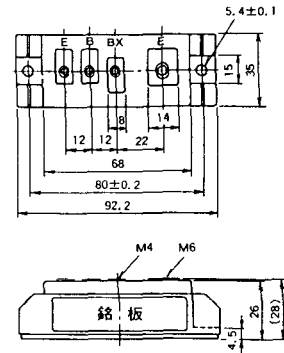
M-5C2A



M-5D2A



M-6A1A



M-7A1A



M-7B1A



M-8A1A



M-8A1B



M-8A2A



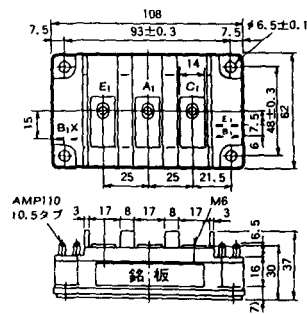
M-8A2B



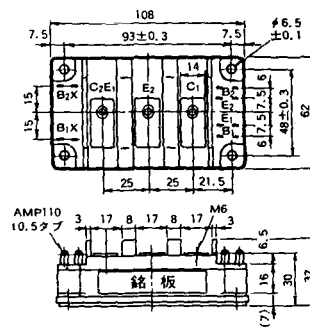
M-8B2A



M-9A1A



M-9A2A



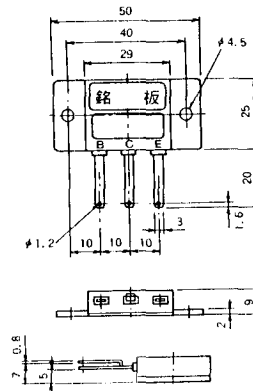
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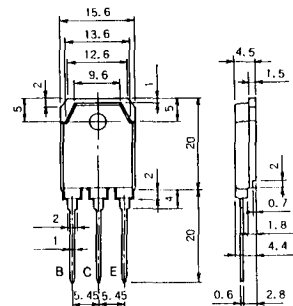
M-9C2A



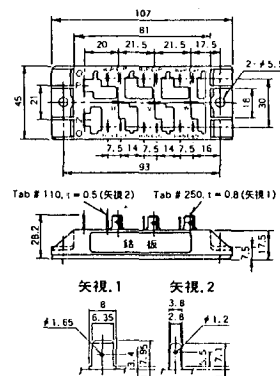
M-1A1B



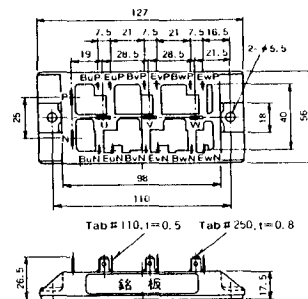
M-1A1C



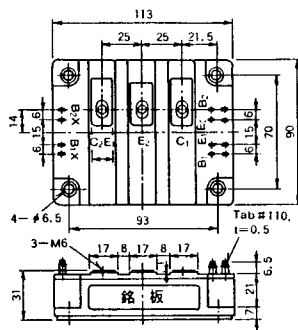
M-2E6B



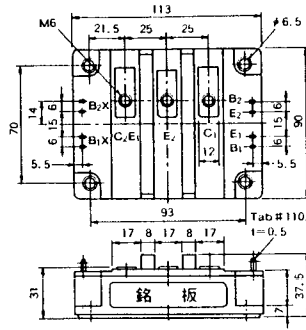
M-2E6C



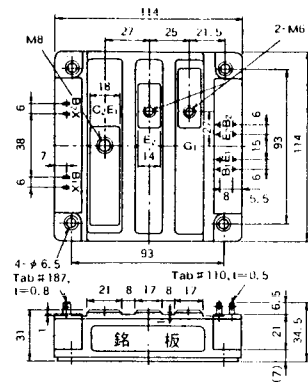
M-10A2A



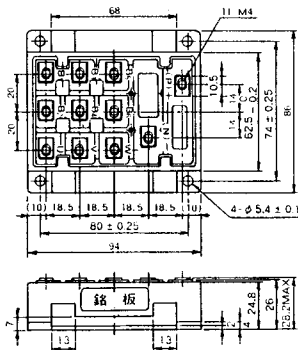
M-10A2B



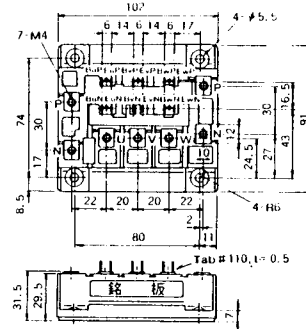
M-11A2A



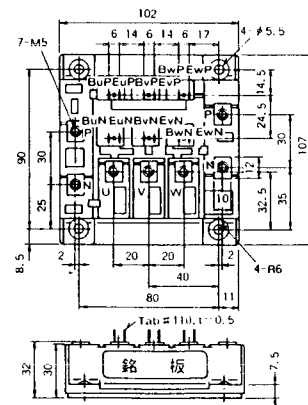
M-12A6A



M-12B6A



M-12B6B



M-4A2D



M-4A2E



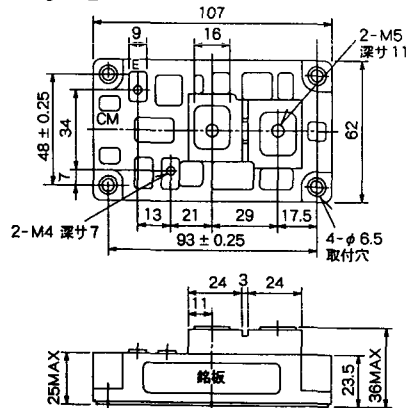
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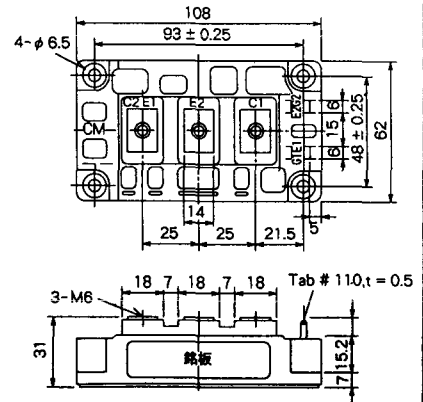
M-4C2B



M-9B1C



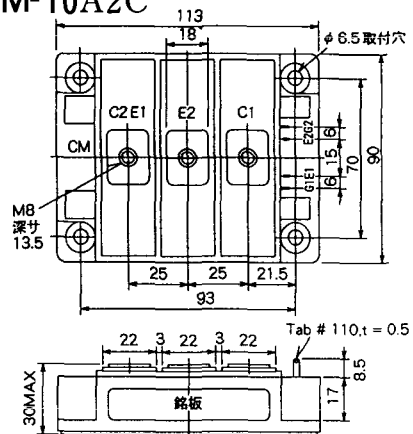
M-9D2A



M-9D2B



M-10A2C



H-101



Weight :480g

TERMINALS

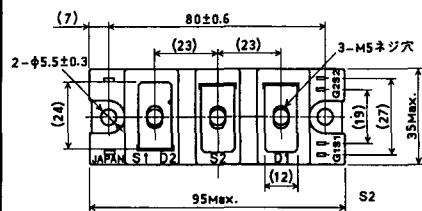
H-201



H-202



LF-J



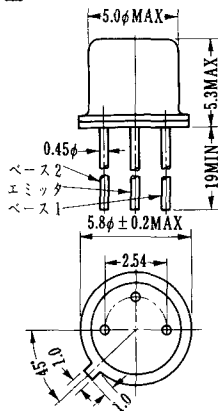
LF-K



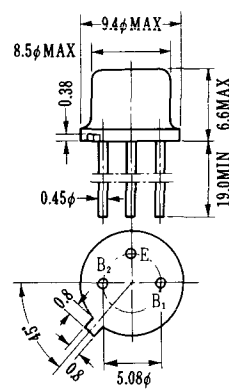
U-1



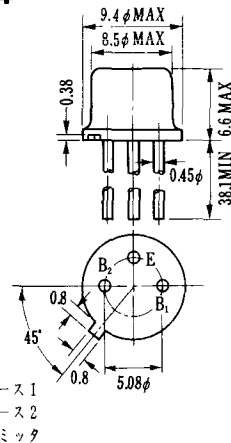
U-2



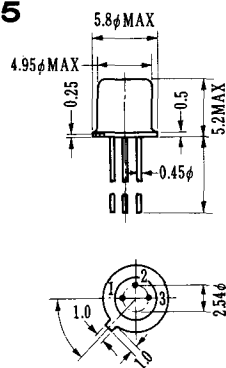
U-3



U-4

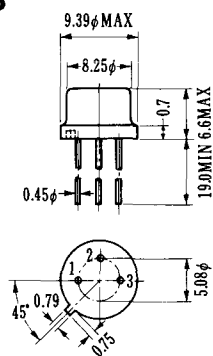


U-5



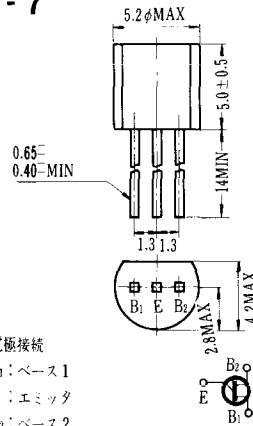
1. BASE 1
2. EMITTER
3. BASE 2 (CASE)

U-6



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

U-7



U-8

