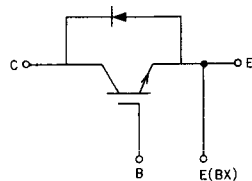


- ### ■等価回路

E 8 2 9 8 8 (M)



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

[illegible]

注3. スイッチング時間の t_{r1} , t_{o1} は抵抗負荷, t_{r1} , t_{o1r} は誘導負荷における値。 注4. FD: フリーホイール・ダイオード。

[illegible]

FD-1



FD-2



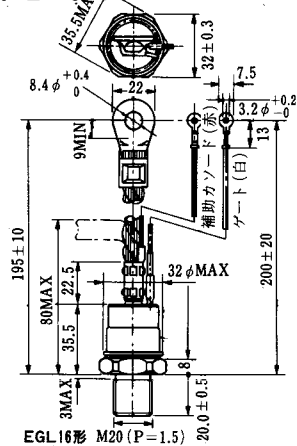
FD-3



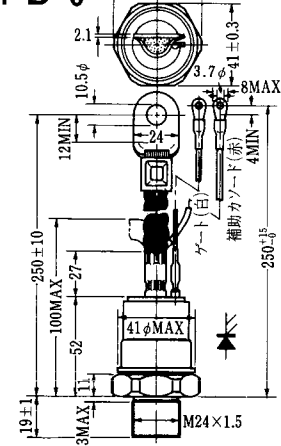
FD-4



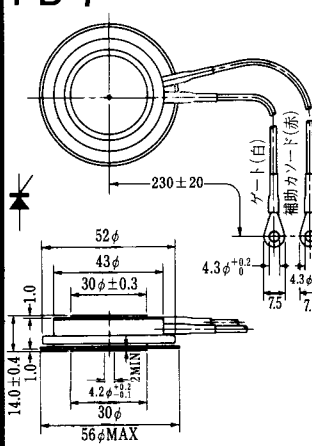
FD-5



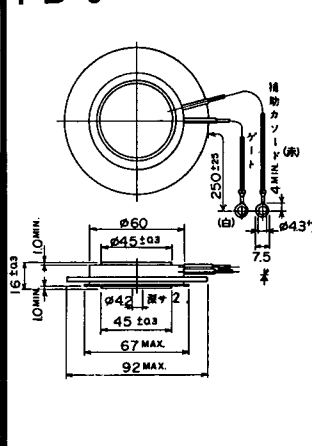
FD-6



FD-7



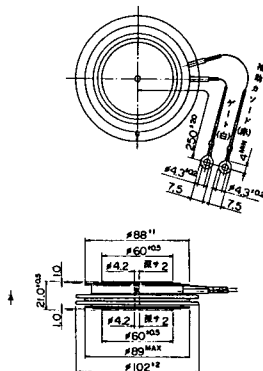
FD-8



FD-9

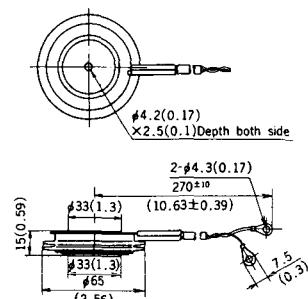
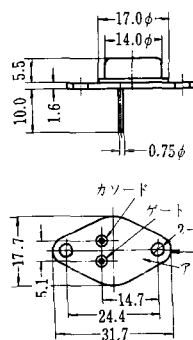
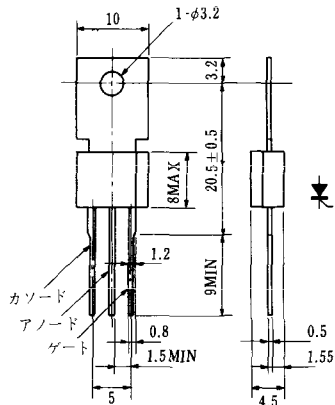


FD-10

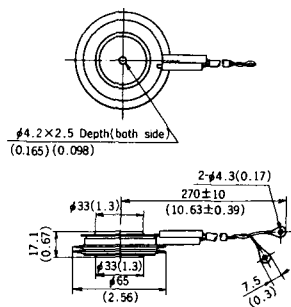


FD-11

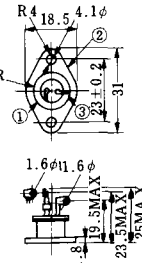
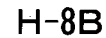
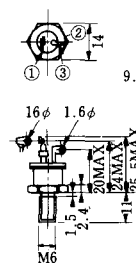
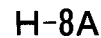
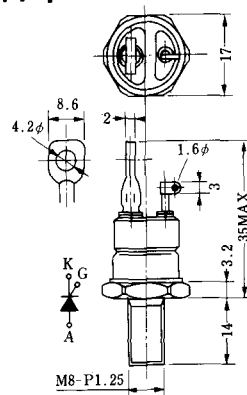
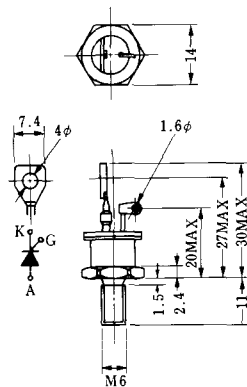
FD-12



Unit in mm (inch)

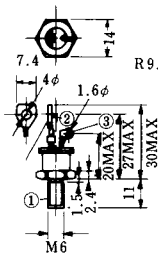


Unit in mm(inch)

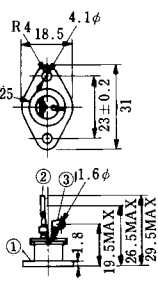


- ①アノード
②カソード
③ゲート

H-9A

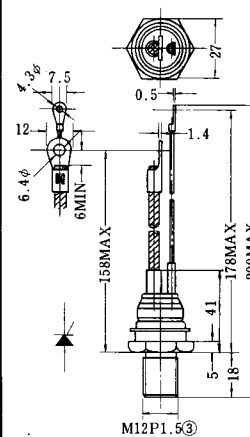


H-9B

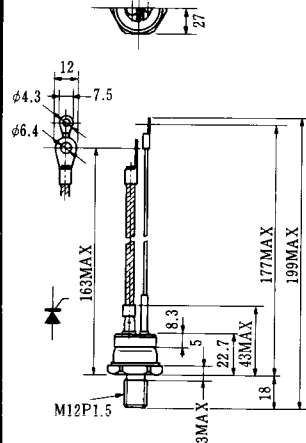


- ① アノード
- ② カソード
- ③ ゲート

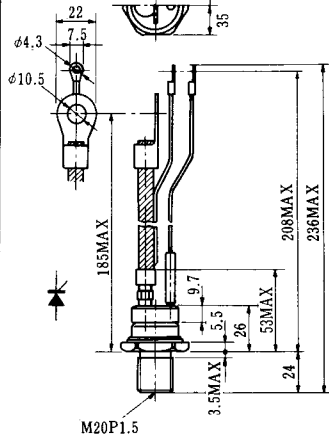
H-10



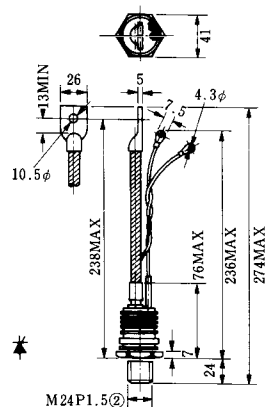
H-11



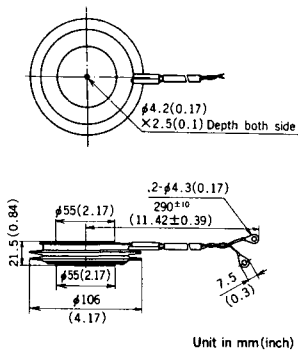
H-12



H-13

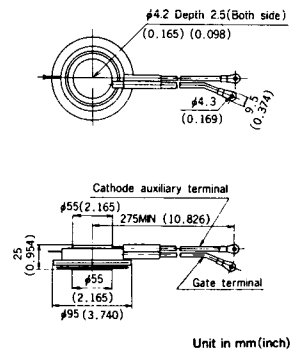


H-14



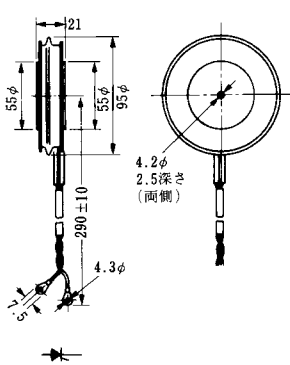
Unit in mm (inch)

H-15

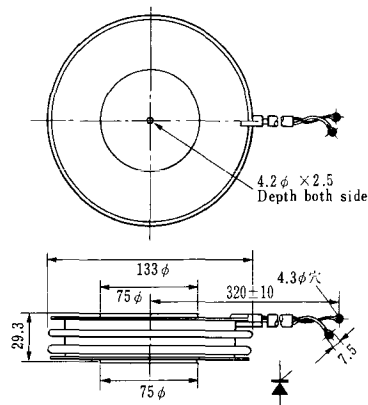


Unit in mm (inch)

H-16



H-17



H-18



H-19



H-20



H-21



H-22



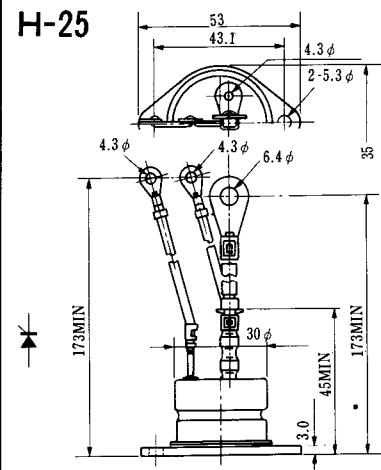
H-23



H-24



H-25



H-26



Type	Direction of polarity
CA12	

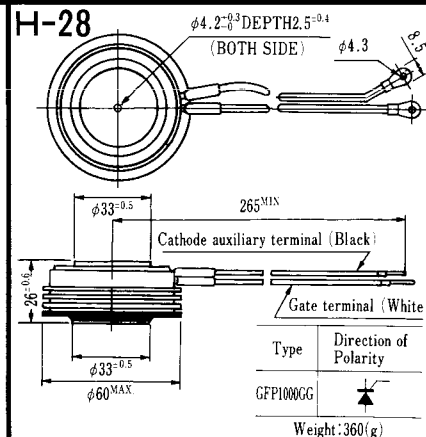
H-27



Type	Direction of polarity
CF11V	

(注) CC11V: 400 ± 10
CF11V: 250 ± 10

H-28



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



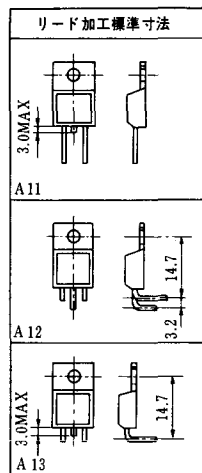
Note : The thickness is a dimension in press at the rated mounting force.

HT-1

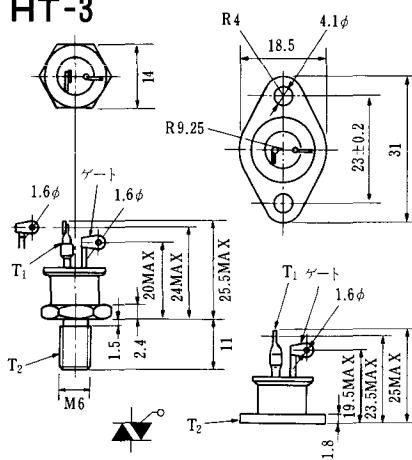


Unit in mm (inch)

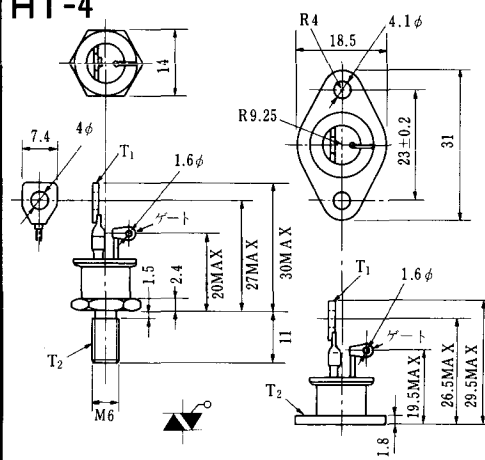
HT-2



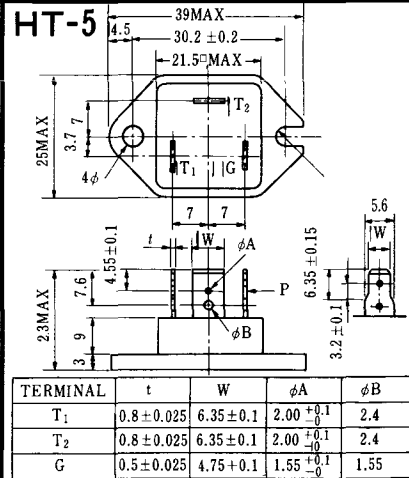
HT-3



HT-4



HT-5



《寸法図単位：mm》

M-1



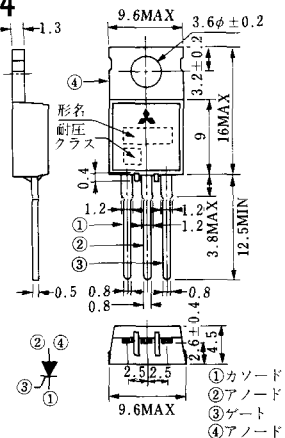
M-2



M-3



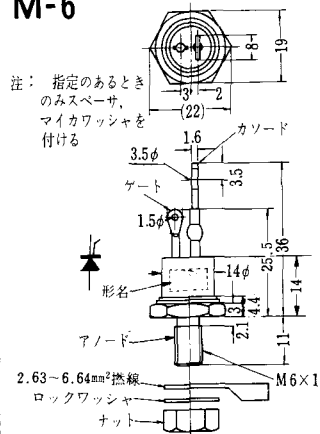
M-4



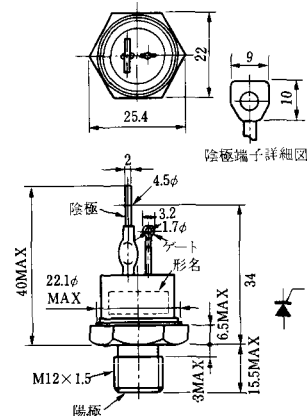
M-5



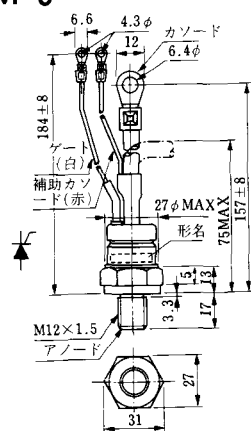
M-6



M-7



M-8



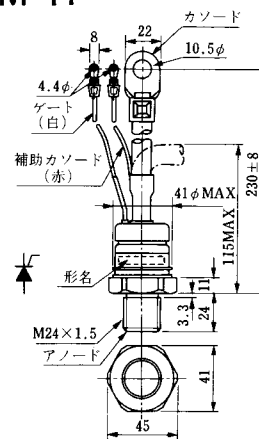
M-9



M-10



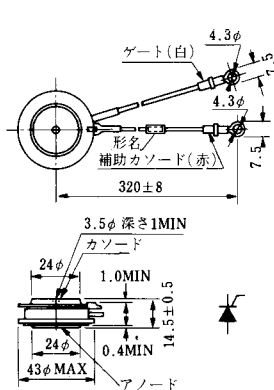
M-11



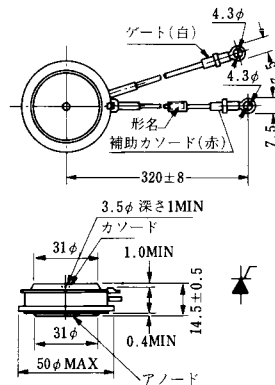
M-12



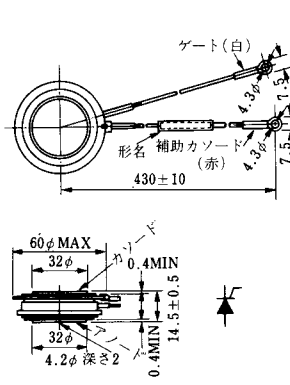
M-13



M-14



M-15



M-16



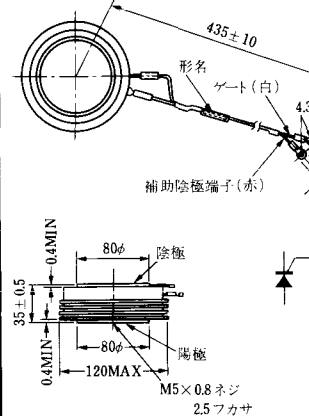
M-17



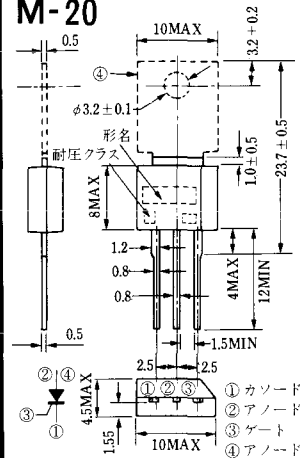
M-18



M-19



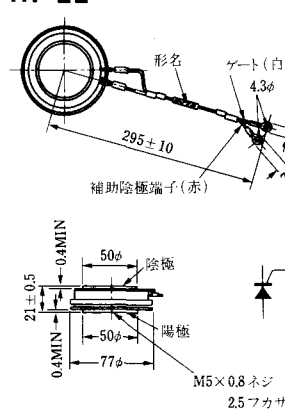
M-20



M-21



M-22



M-23



M-24



M-25



M-26



M-27



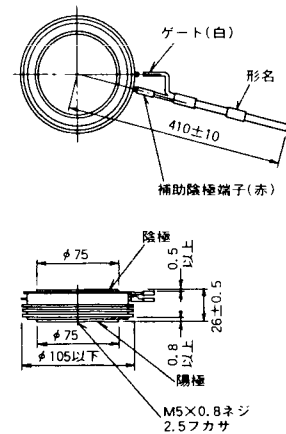
M-28



M-29



M-30



M-31



M-32



M-33



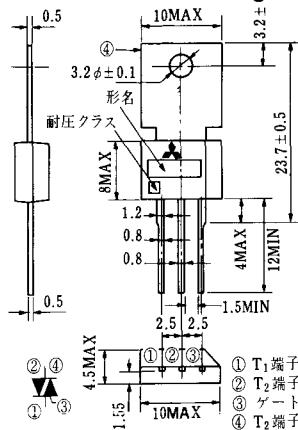
M-34



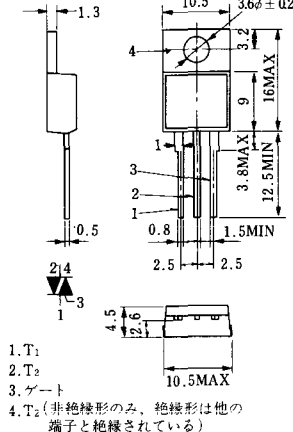
MT-1



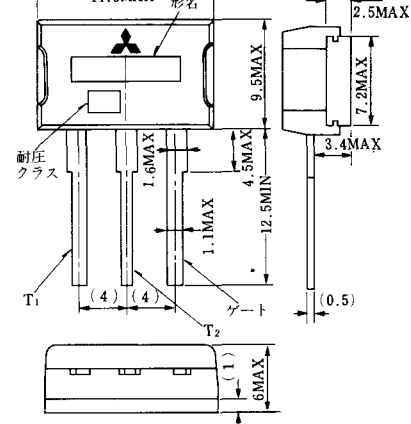
MT-2



MT-3



MT-4



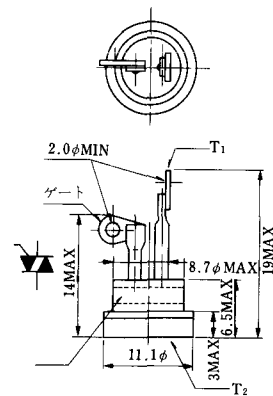
MT-5



MT-6



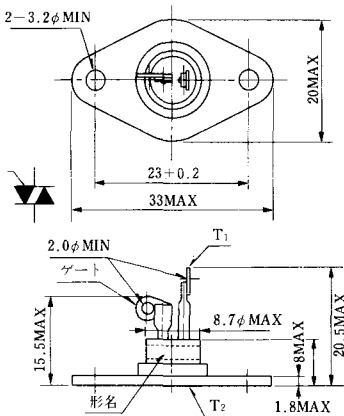
MT-7



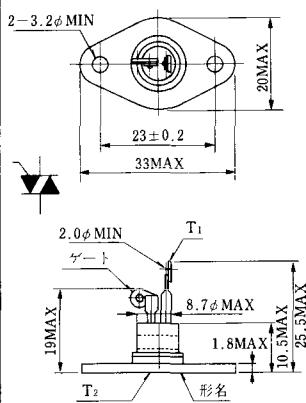
MT-8



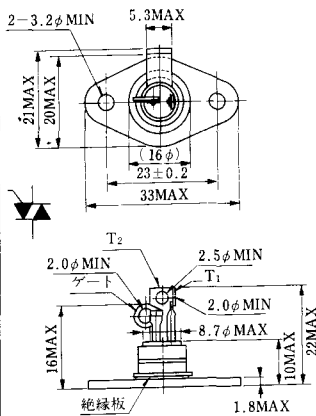
MT-9



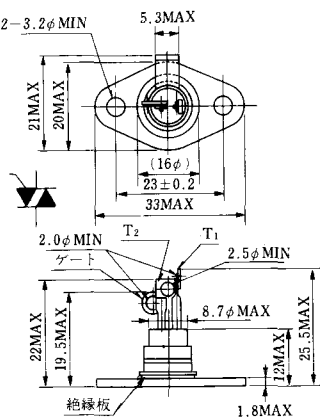
MT-10



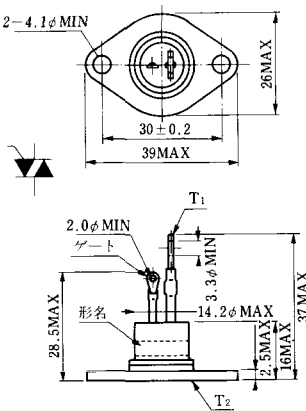
MT-11



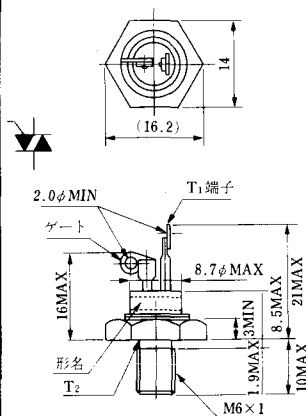
MT-12



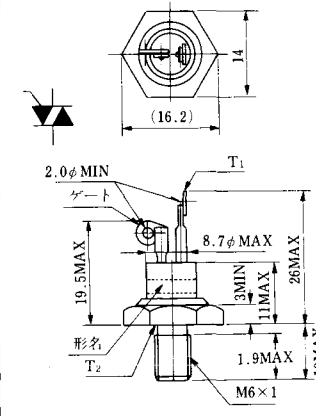
MT-13



MT-14



MT-15



MT-16



MT-17



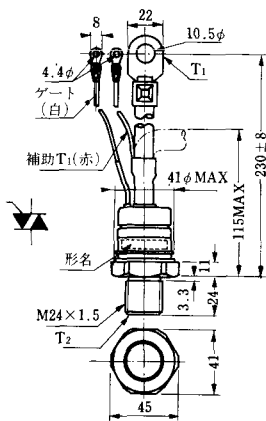
MT-18



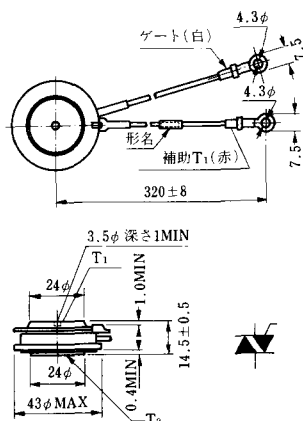
MT-19



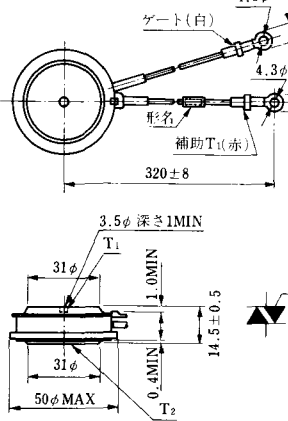
MT-20



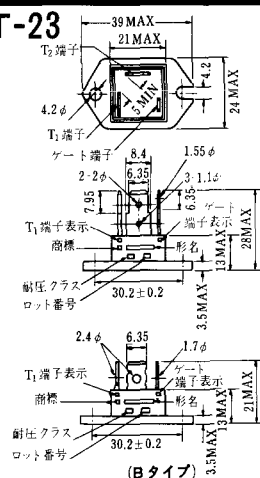
MT-21



MT-22



MT-23



MT-24



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

TO - 3P

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

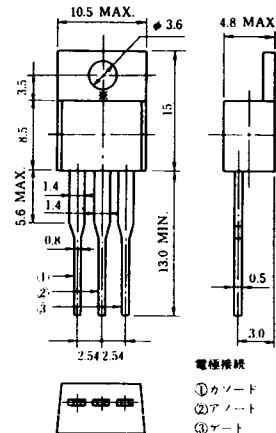
N-3



電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-4



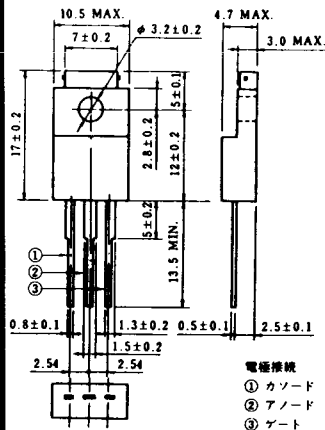
電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-5



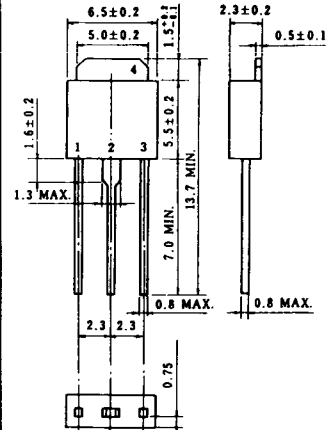
N-6



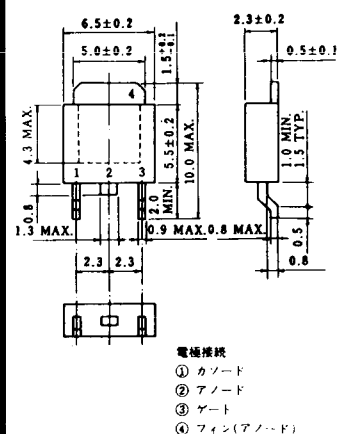
電極接続

- 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

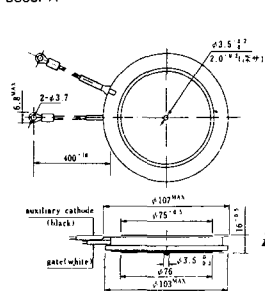
NI-16

503PLF
503PLH



NI-17

3003PA



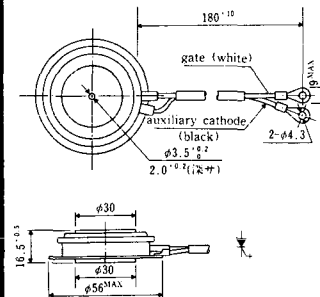
NI-18

353PGA「E



NI-19

603PGA, 603PGA「A, 803PGA



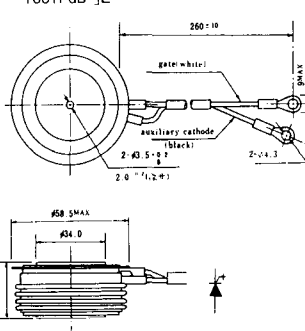
NI-20

603PGA「E



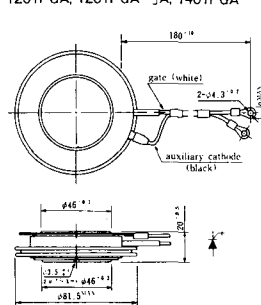
NI-21

1001PGB「E



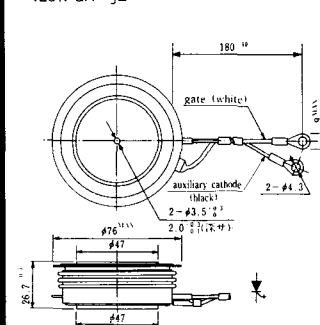
NI-22

1201PGA, 1201PGA「A, 1401PGA



NI-23

1201PGA「E



NI-24

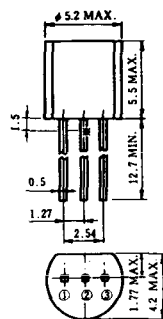
2001PGB[®] JE



NI-25

NI-26

NT-1



電極接続
①T₁
②ゲート
③T₂

NT-2



電極接続
①T₁
②ゲート
③T₂

NT-3



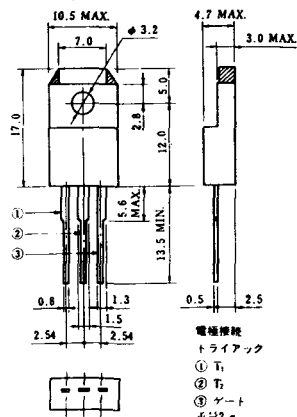
電極接続
①T₁
②T₂
③ゲート

NT-4



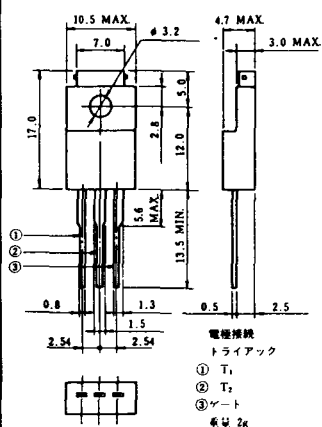
電極接続
①T₁
②T₂
③G

NT-5



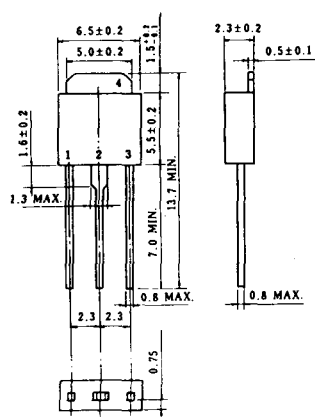
電極接続
トライアック
①T₁
②T₂
③ゲート
④2g

NT-6

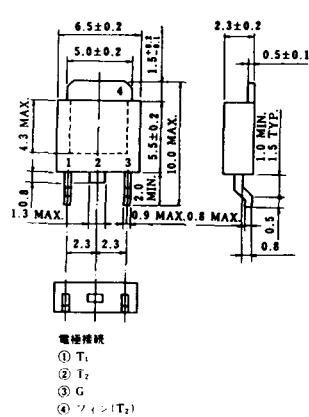


電極接続
トライアック
①T₁
②T₂
③ゲート
④2k

NT-7



NT-8



電極接続
①T₁
②T₂
③G
④フィ(T₂)

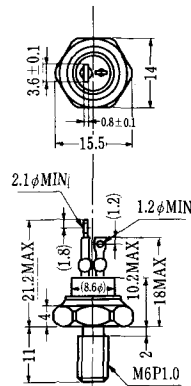
S-1



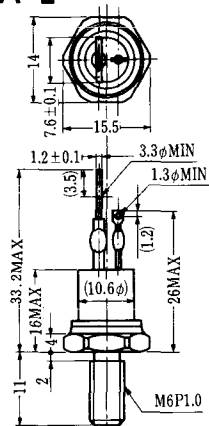
ST-1



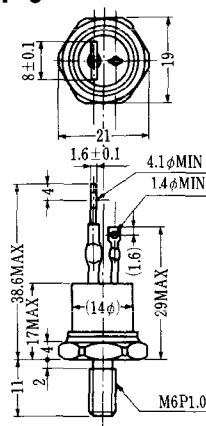
SA-1



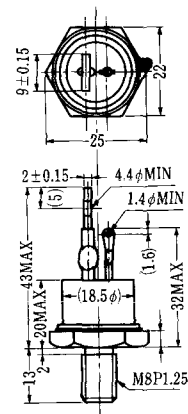
SA-2



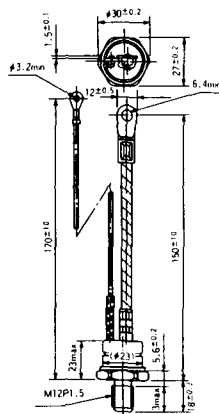
SA-3



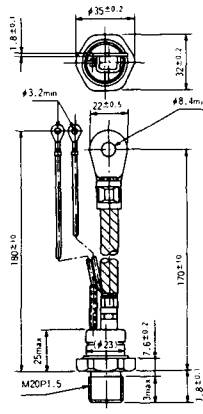
SA-4



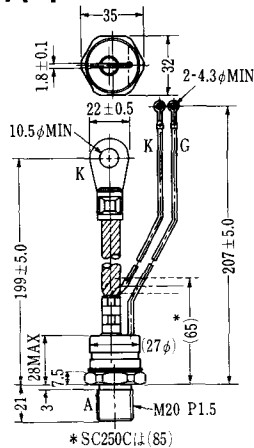
SA-5



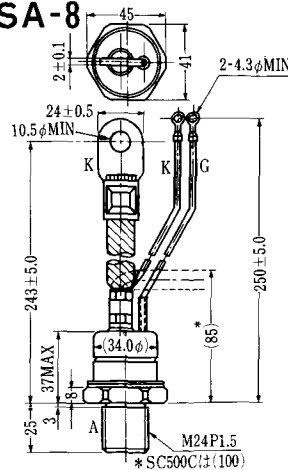
SA-6



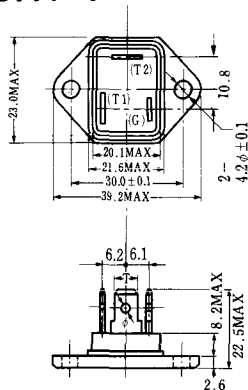
SA-7



SA-8



SAT-1

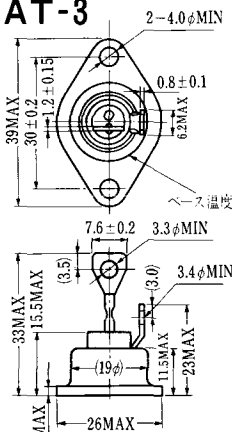


T1端子:ファストン250($T=6.35$, $t=0.8$, $\phi=1.65$)
T2端子:ファストン250($T=6.35$, $t=0.8$, $\phi=1.65$)
G端子:ファストン187($T=4.75$, $t=0.5$, $\phi=1.3$)

SAT-2



SAT-3



SAT-4



SAT-5



SAT-6



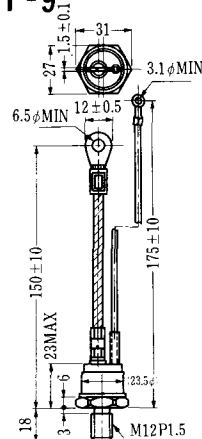
SAT-7



SAT-8



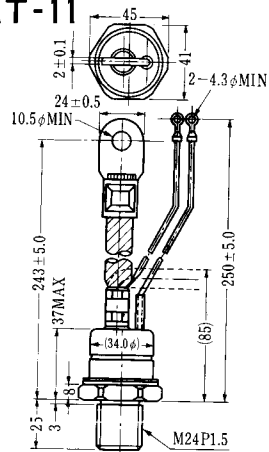
SAT-9.



SAT-10



SAT-11



SY-1(1096A)



SY-2(1151)



SY-3(1104)



SY-4(1150)



1097A



G: Gate

1102



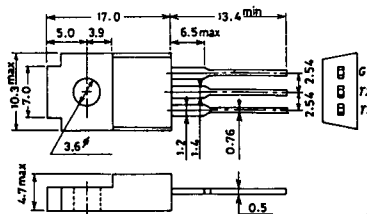
1141



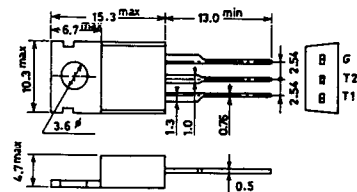
1142



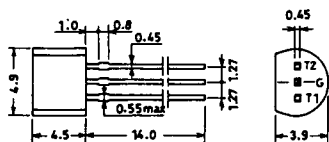
1144



1155



1192A

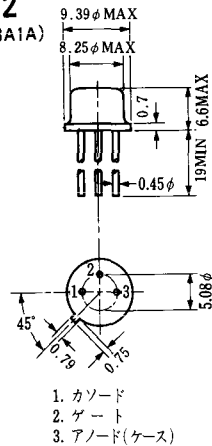


G: Gate

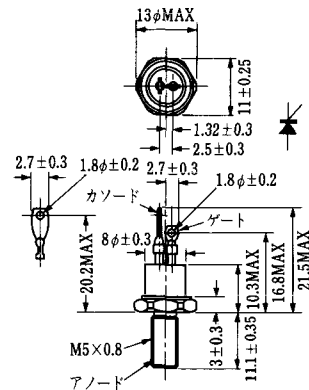
T-1 (13-5A1A)



T-2 (13-8A1A)



T-3 (13-8C1A)



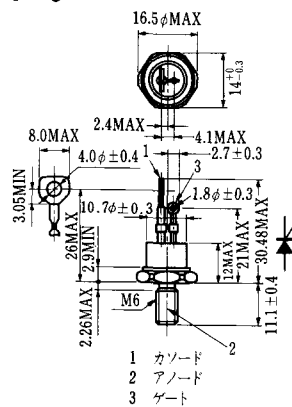
T-4 (13-10A1A)



T-5 (13-10B1A)



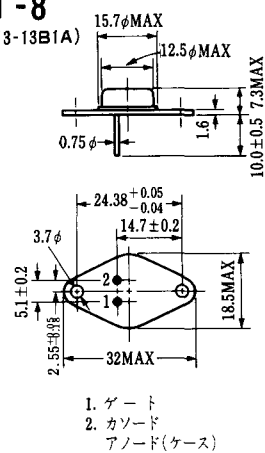
T-6 (13-11D1A)



T-7 (13-13A1A)



T-8 (13-13B1A)



T-17 (13-42A1A)



T-18 (13-45D1A)



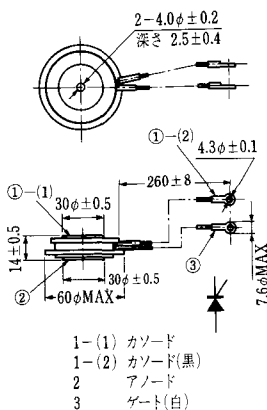
T-19 (13-52B1A)



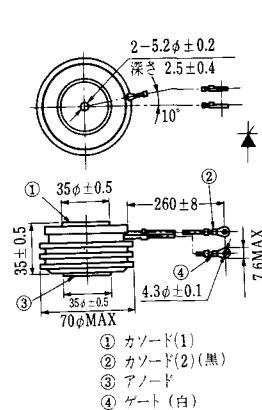
T-20 (13-52C1A)



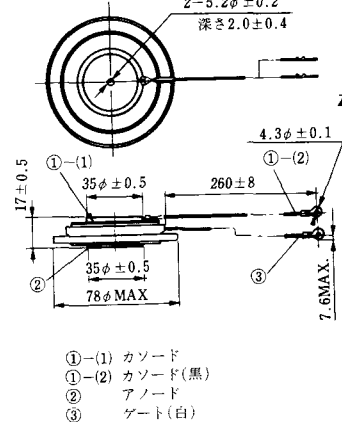
T-21 (13-60A1A)



T-22 (13-70C1A)



T-23 (13-78A1A)



T-24 (13-100C1A)



T-25 (13-120A2A)



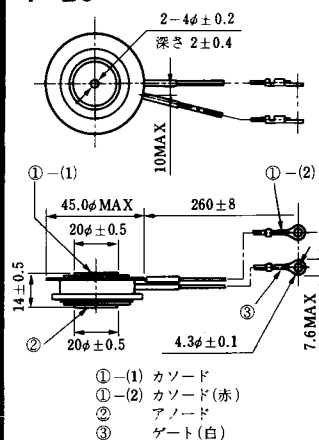
T-26 (13-150A1A)



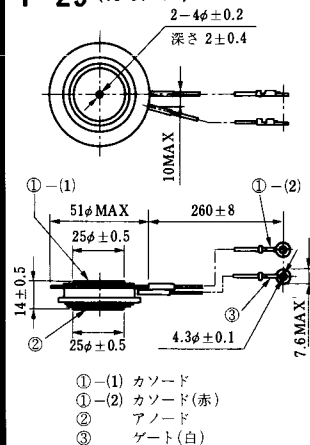
T-27 (13-37A1A)



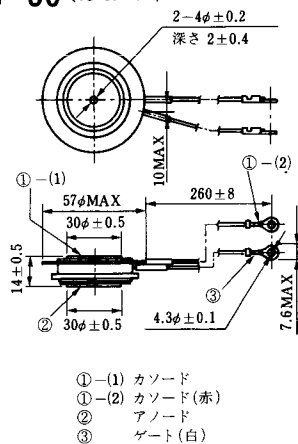
T-28 (13-45E1A)



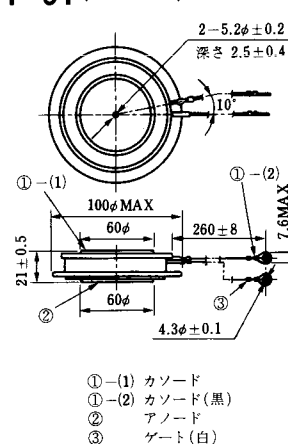
T-29 (13-51A1A)



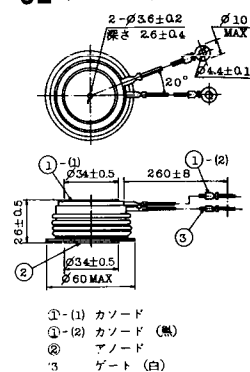
T-30 (13-57A1A)



T-31 (13-100E1A)



T-32 (13-60E3A)



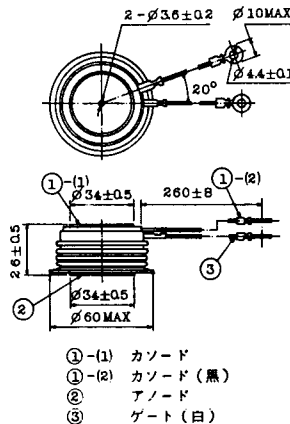
T-41 (13-28A2A)



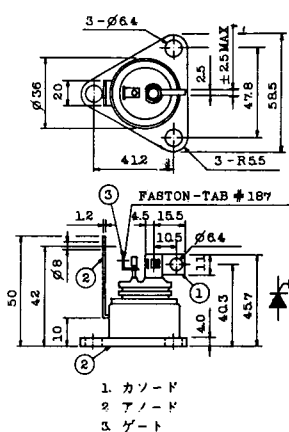
T-42 (13-45F1A)



T-43 (13-60E2A)



T-44 (13-36A1A)



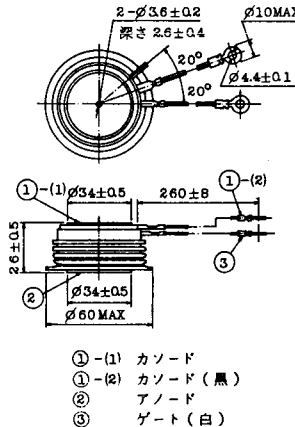
T-45 (13-51B1A)



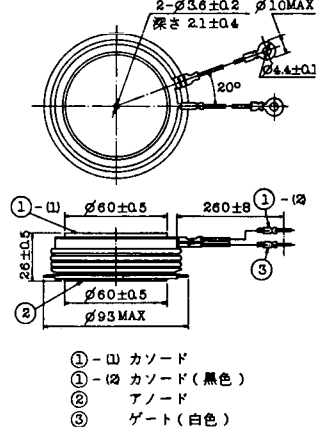
T-46 (13-36B1A)



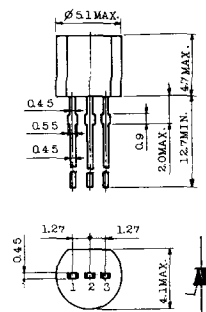
T-47 (13-60E1A)



T-48 (13-93C1A)

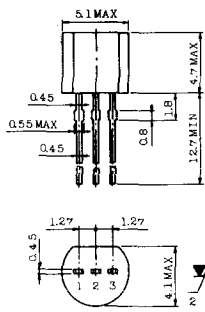


TT-1



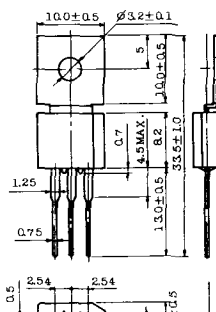
1. ゲート
2. T₂
3. T₁

TT-2



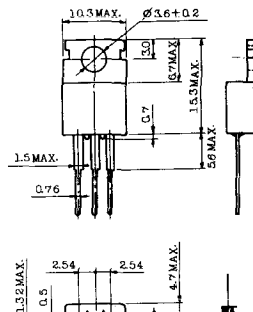
1. T₁
2. ゲート
3. T₂

TT-3



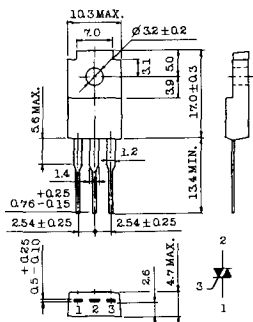
1. T₁
2. T₂
3. ゲート

TT-4



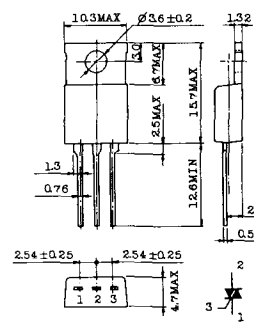
1. T₁
2. T₂
3. ゲート

TT-5



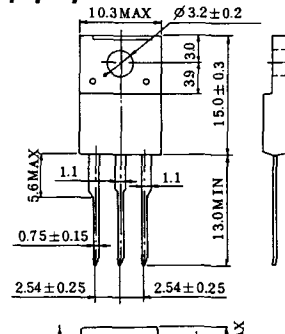
1. T₁
2. T₂
3. ゲート

TT-6



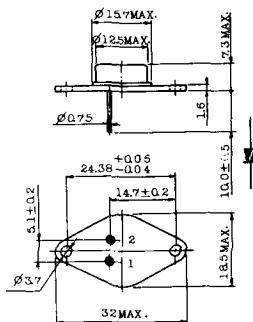
1. T₁
2. T₂ (放熱板)
3. ゲート

TT-7



1. T₁
2. T₂
3. ゲート

TT-8

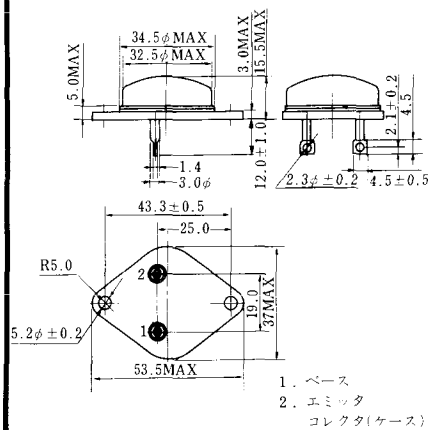


1. ゲート
2. T₁
- T₂ (ケース)

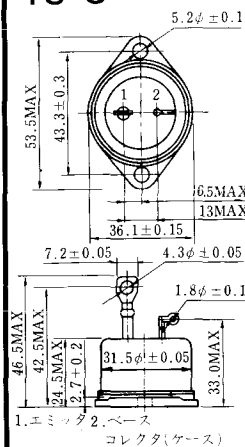
TS-1



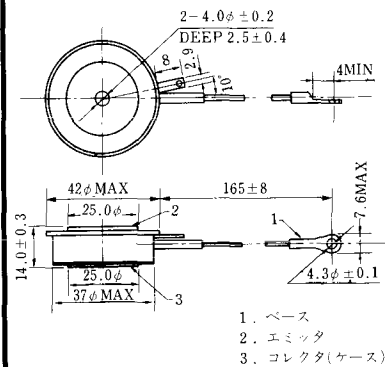
TS-2



TS-3



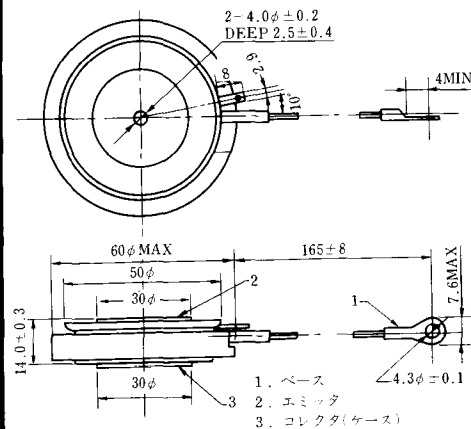
TS-4



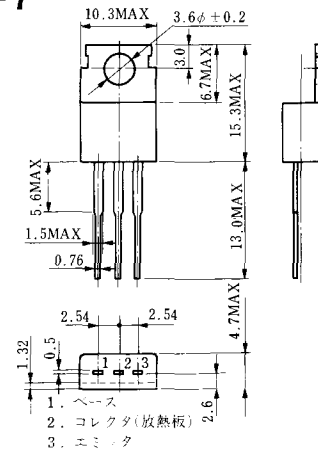
TS-5



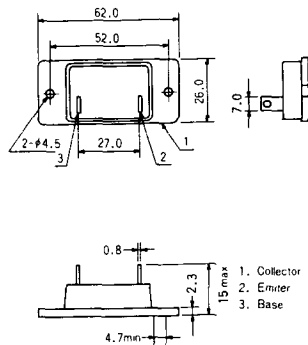
TS-6



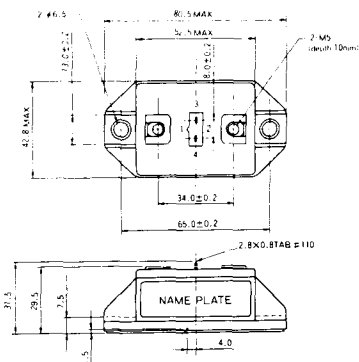
TS-7



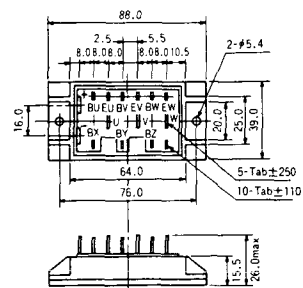
S-62A1A



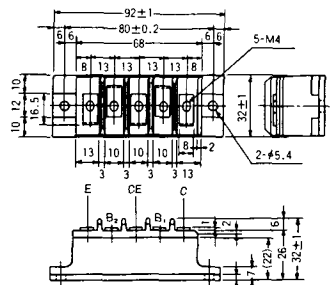
S-80A1A



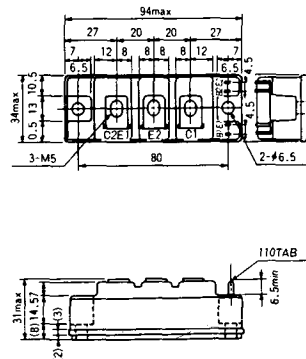
S-88D1A



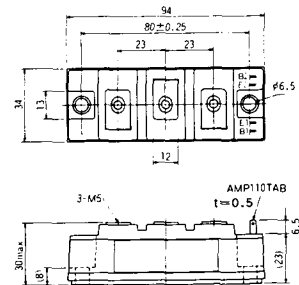
S-92B1A



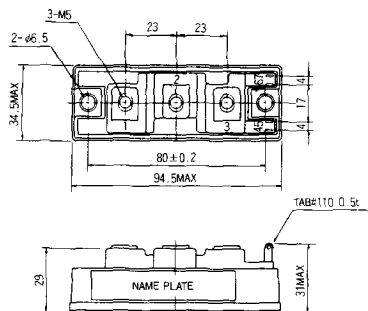
S-94B1A



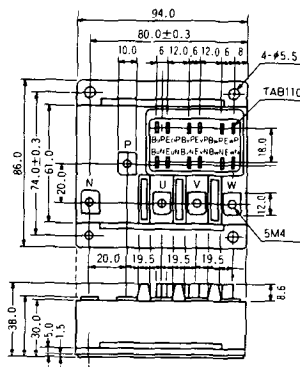
S-94B1B



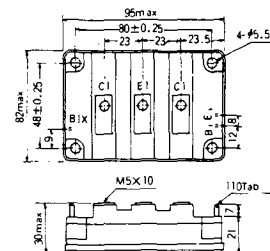
S-94B2A



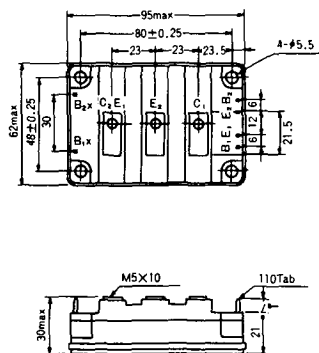
S-94D1A



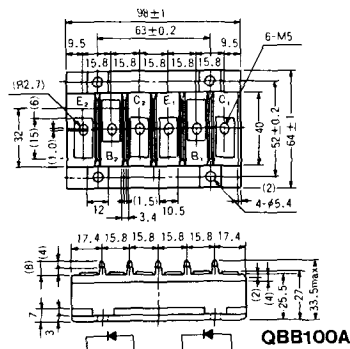
S-95A1A



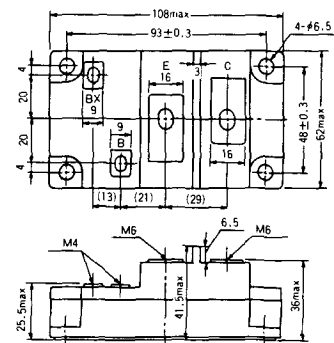
S-95B1A



S-98B1B



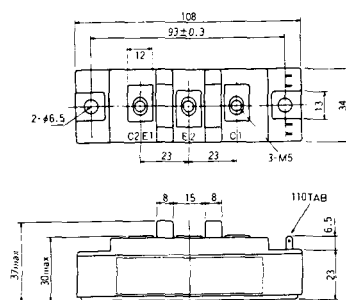
S-108A2A



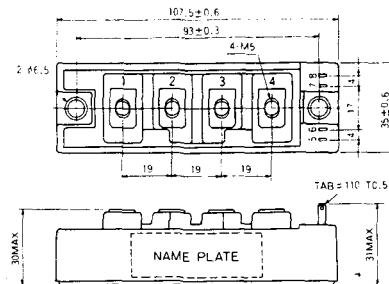
S-108B1A



S-108B1B



S-108B1C



S-108B2A



S-108B2B



2-22B1A



2-27A4A



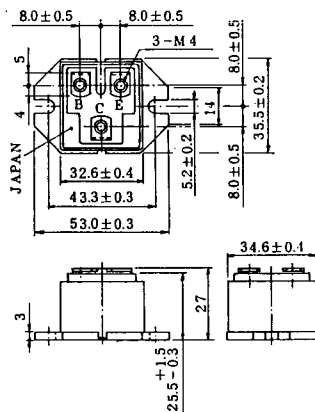
2-33C1A



2-33D1A



2-33F1A



2-37A1A



2-48A3A



2-48A3B



2-48A4A



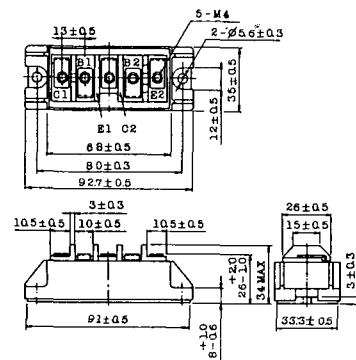
2-64A2A



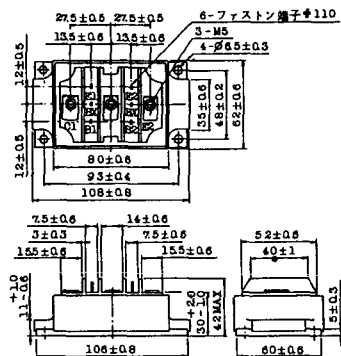
2-64A2B



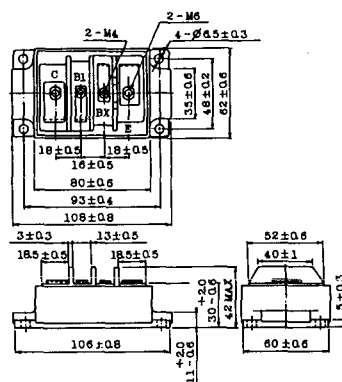
2-68A2A



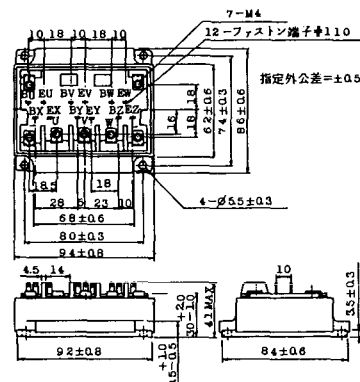
2-80C1A



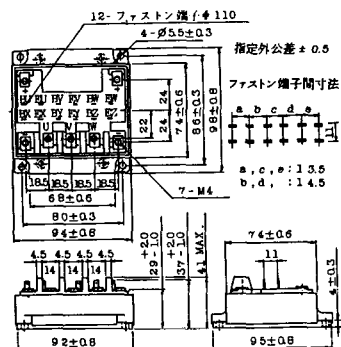
2-80D2A



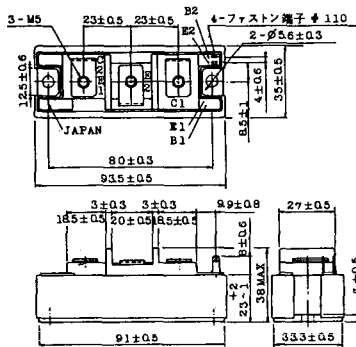
2-94A2A



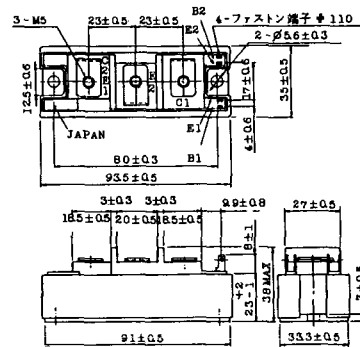
2-94B1A



2-94C2A



2-94C3A



BBT-II

BBTII
1D200A-020



BBT-III

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



BBT-III

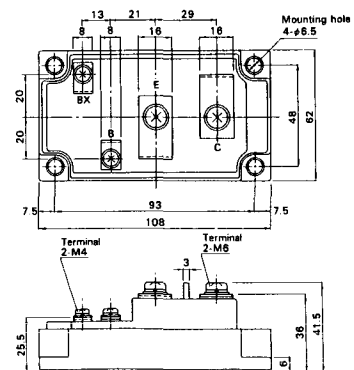
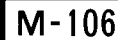
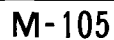
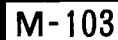
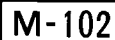
BBTIII
ETN01-055
ET1257



BBT-IV

BBTIV
1D500A-030





M-107



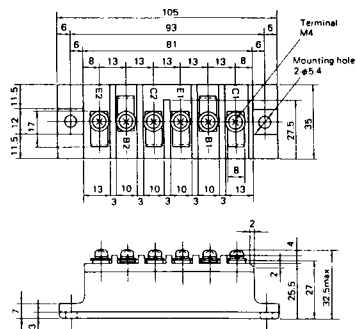
M-116



M-201



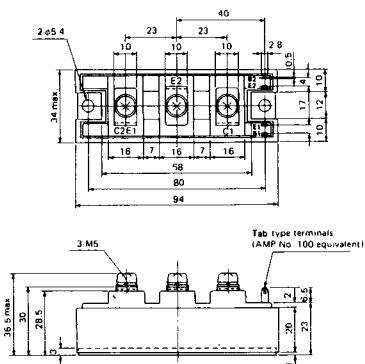
M-202



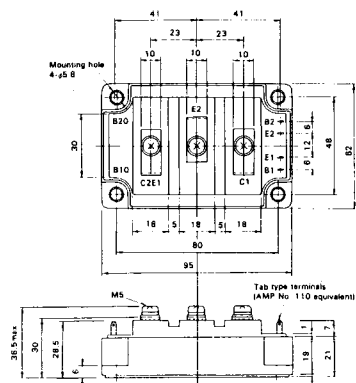
M-203



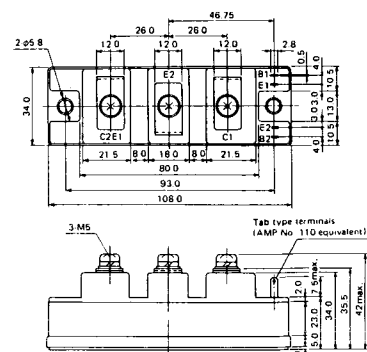
M-204



M-205



M-206



M-213



M-214

M-215



M-216



M-217



M-218



M-601



M-602



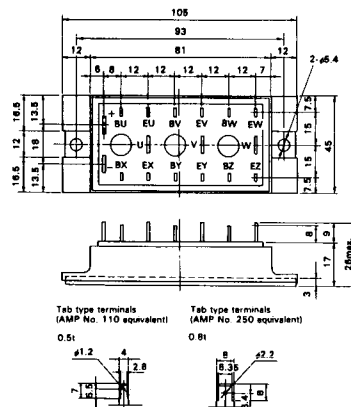
M-603



M-604



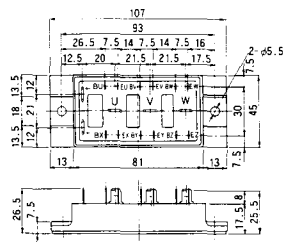
M-605



M-606



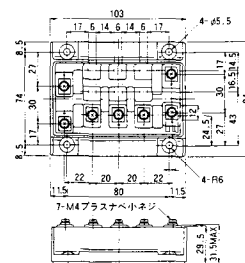
M-607



M-608



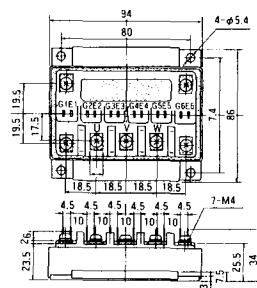
M-609



M-610



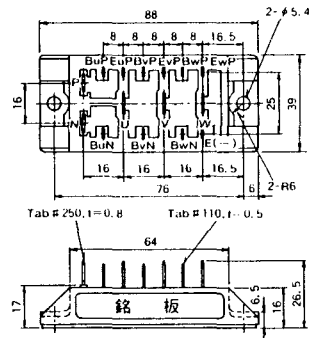
M-616



M-2E6A



M-2F6A



M-2G6A



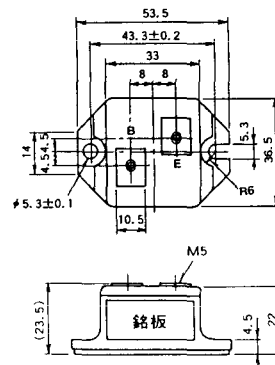
M-3A1A



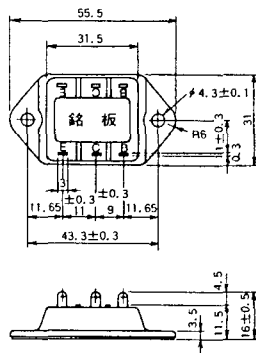
M-3B1A



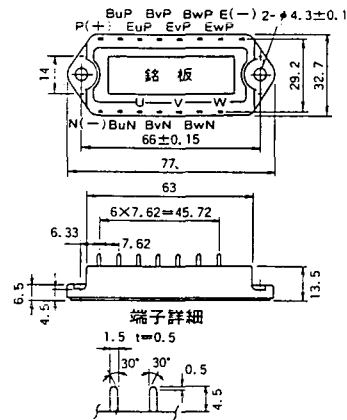
M-3B1B



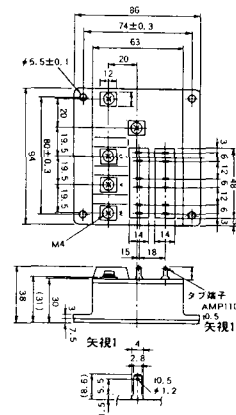
M-3C1A



M-3D6A



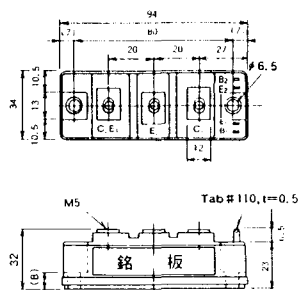
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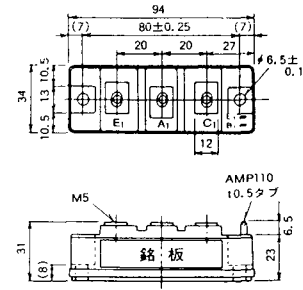
M-4A1A



M-4A2A



M-4A1B



M-4A2B



M-4B2A



M-5A1A



M-5A1B



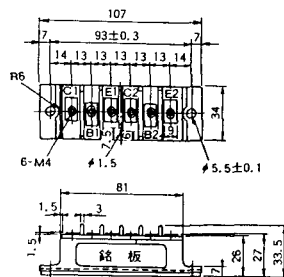
M-5A2A



M-5B2A



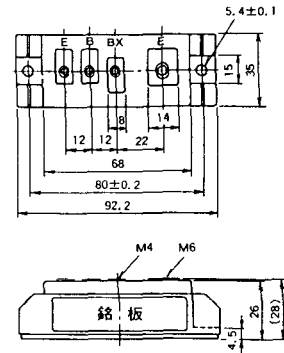
M-5C2A



M-5D2A



M-6A1A



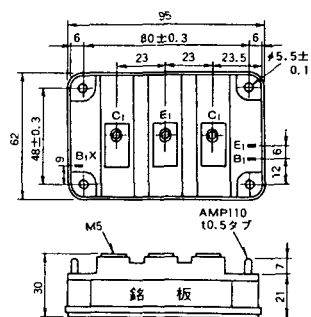
M-7A1A



M-7B1A



M-8A1A



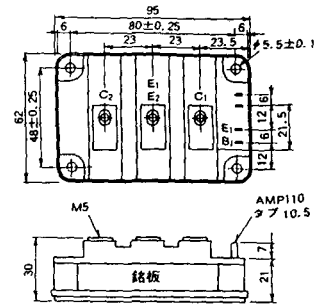
M-8A1B



M-8A2A



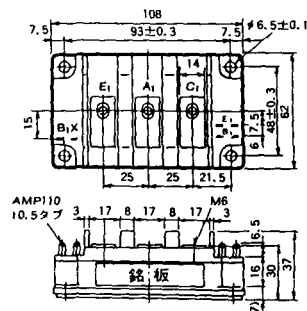
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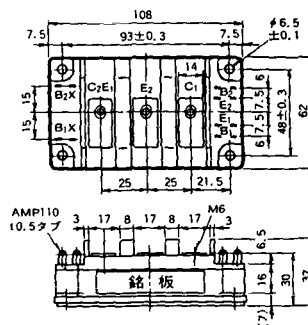
M-8B2A



M-9A1A



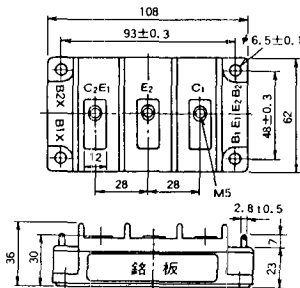
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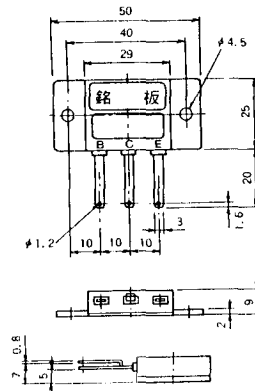
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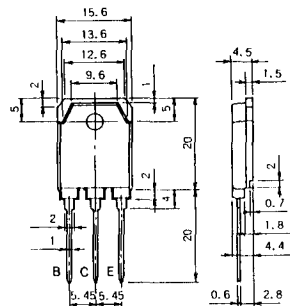
M-9C2A



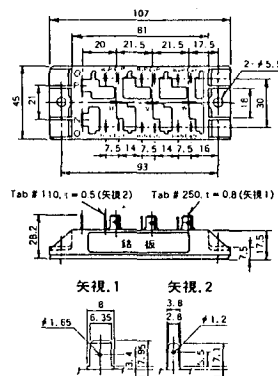
M-1A1B



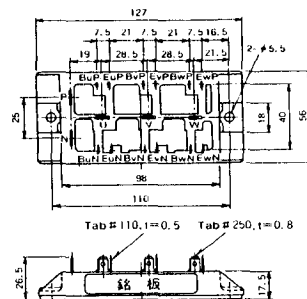
M-1A1C



M-2E6B



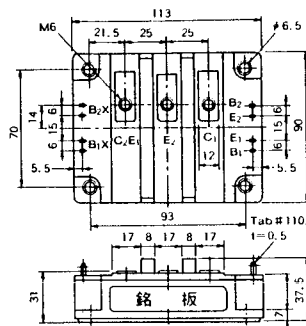
M-2E6C



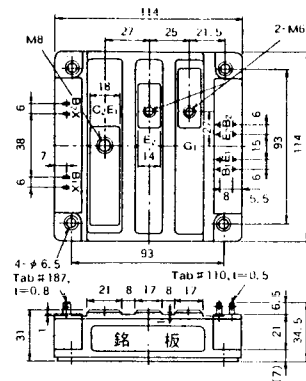
M-10A2A



M-10A2B



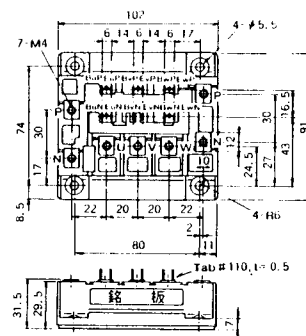
M-11A2A



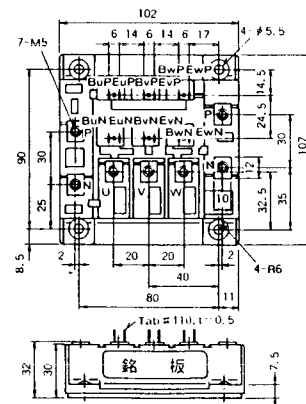
M-12A6A



M-12B6A



M-12B6B



M-4A2D



M-4A2E



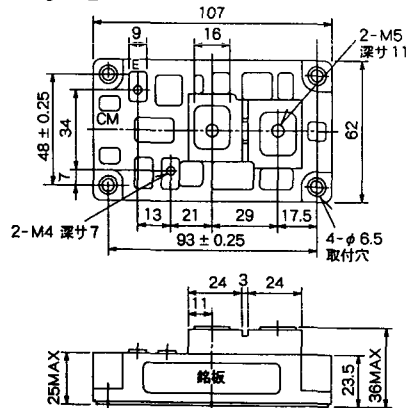
M-4C2A



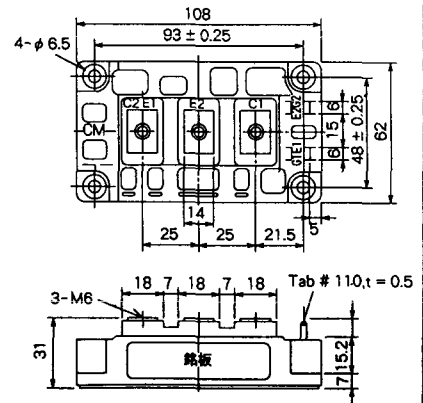
M-4C2B



M-9B1C



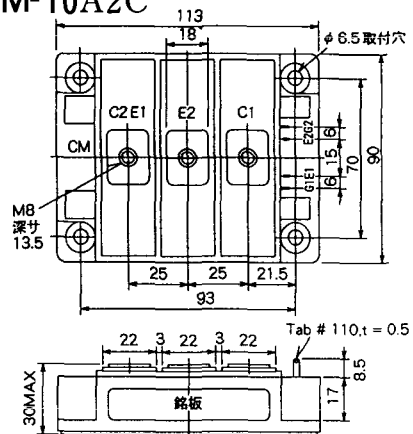
M-9D2A



M-9D2B



M-10A2C



H-101



Weight :480g

TERMINALS

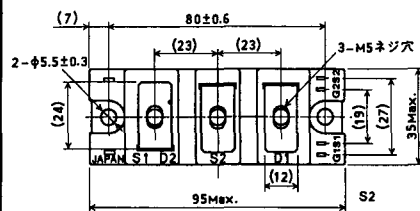
H-201



H-202



LF-J



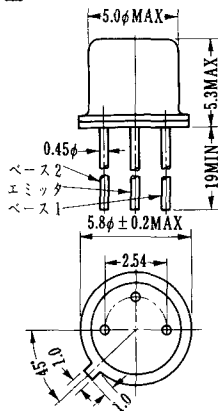
LF-K



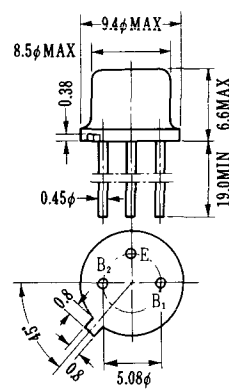
U-1



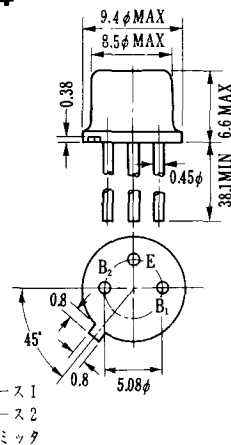
U-2



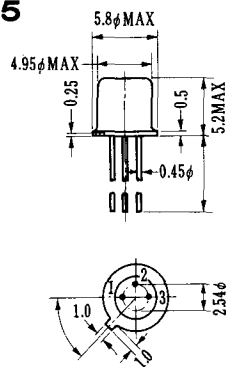
U-3



U-4

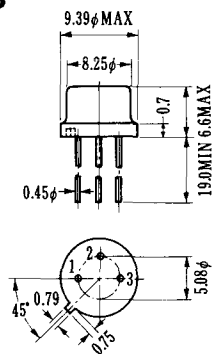


U-5



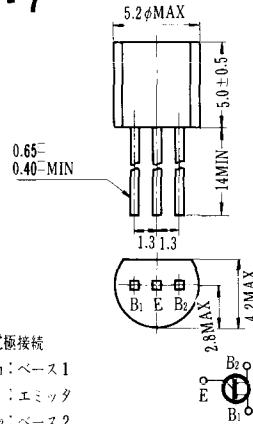
1. BASE 1
2. EMITTER
3. BASE 2 (CASE)

U-6



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

U-7



U-8

