

[illegible]



FD-1



FD-2



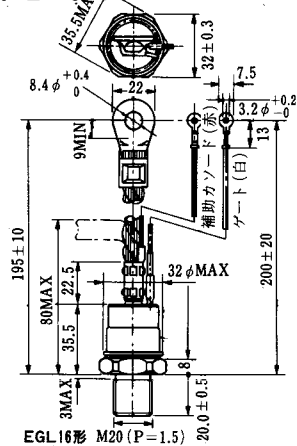
FD-3



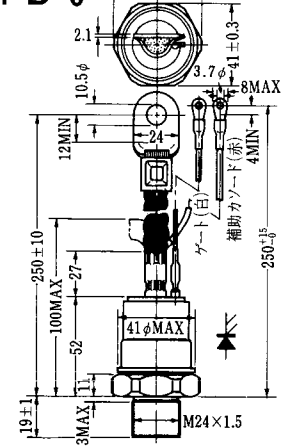
FD-4



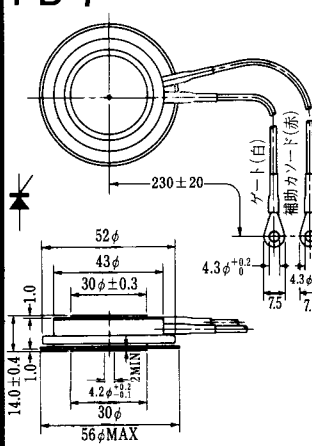
FD-5



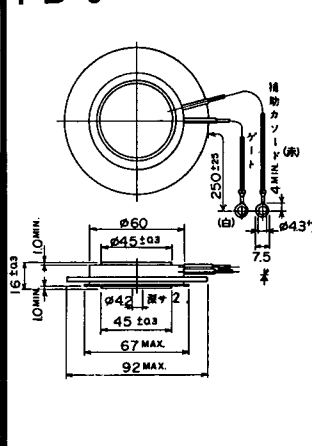
FD-6



FD-7

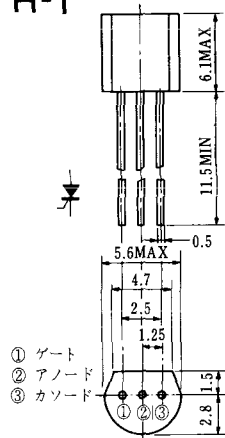


FD-8

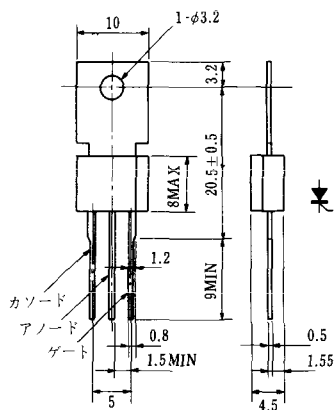




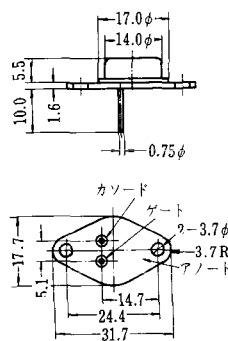
H-1



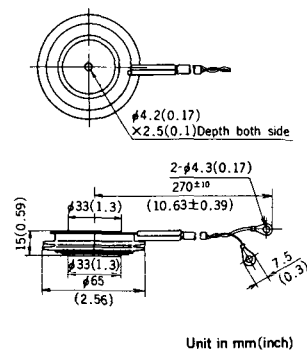
H-2



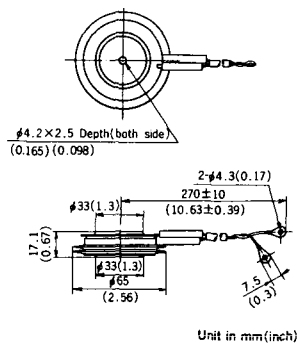
H-3



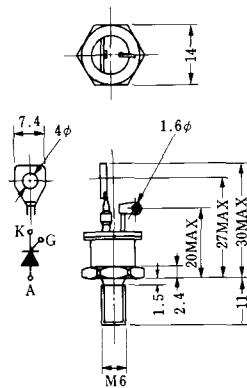
H-4



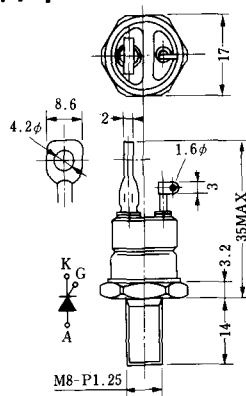
H-5



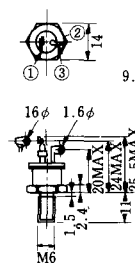
H-6



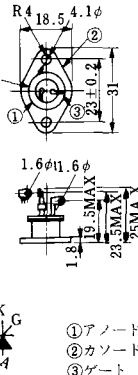
H-7



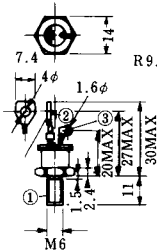
H-8A



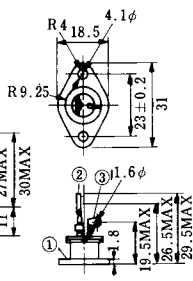
H-8B



H-9A

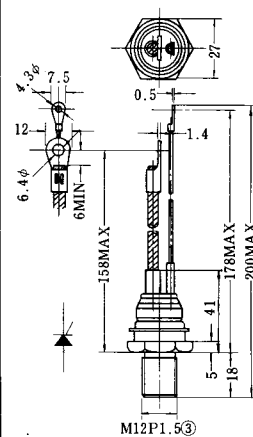


H-9B

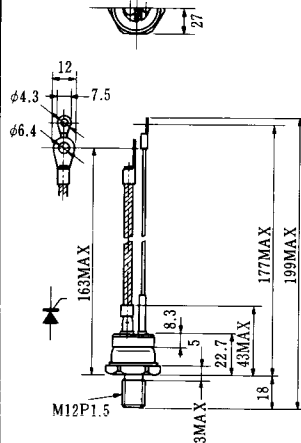


- ① アノード  
② カソード  
③ ゲート

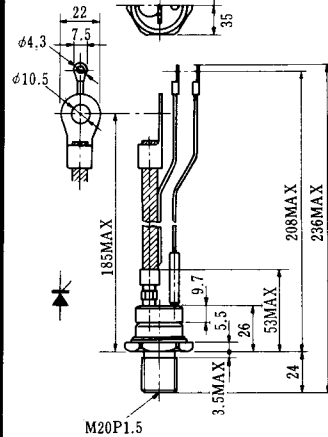
H-10



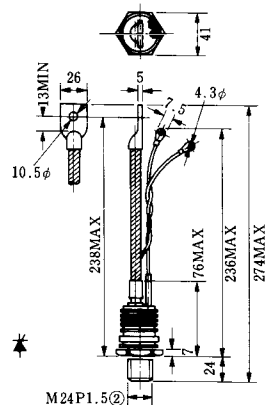
H-11



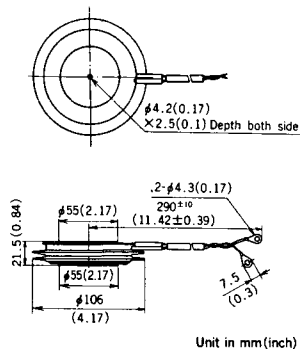
H-12



H-13

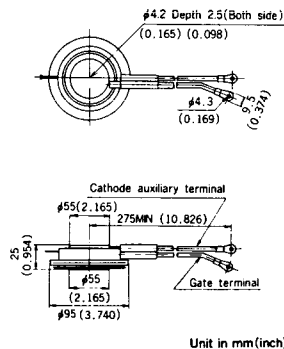


H-14



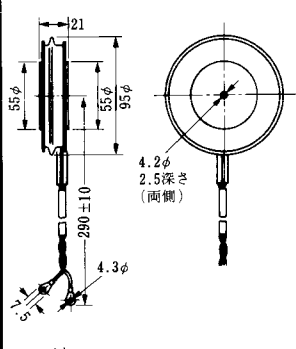
Unit in mm (inch)

H-15

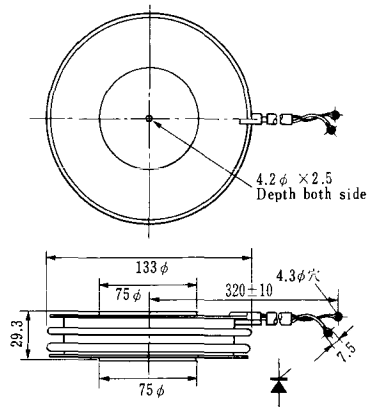


Unit in mm (inch)

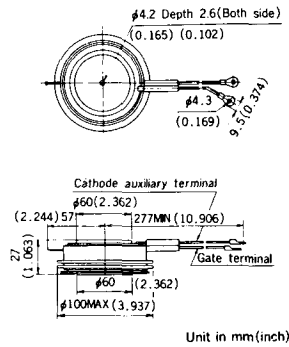
H-16



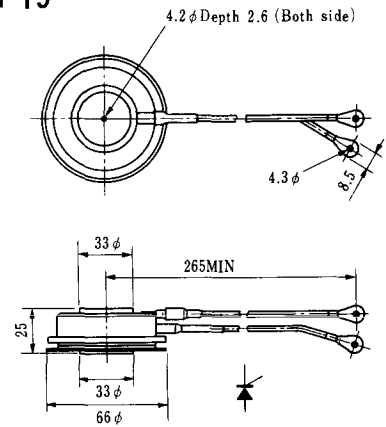
# H-17



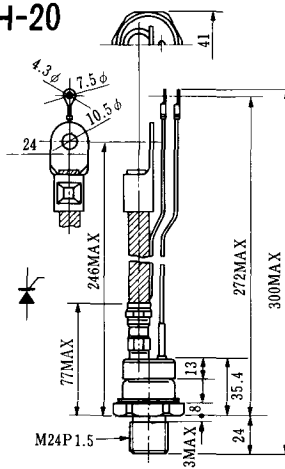
# H-18



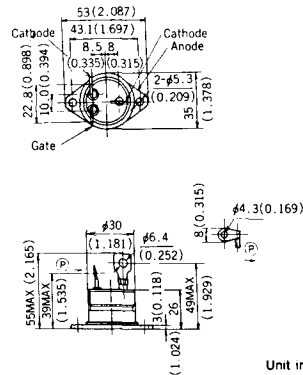
# H-19



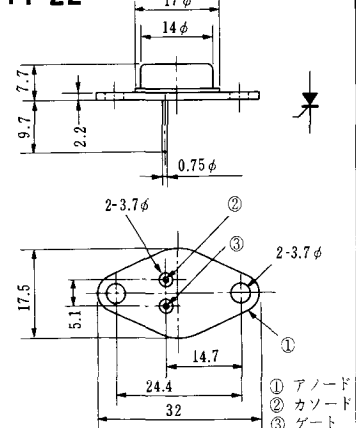
# H-20



# H-21



# H-22



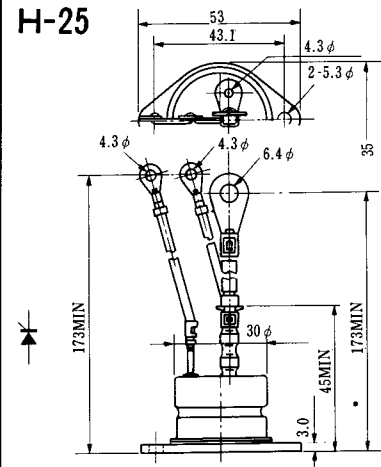
# H-23



# H-24



# H-25

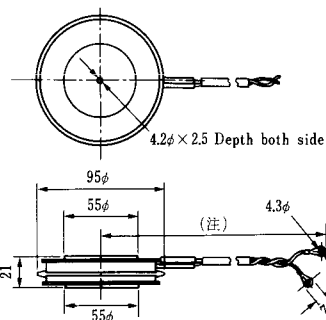


# H-26



| Type | Direction of polarity |
|------|-----------------------|
| CA12 |                       |

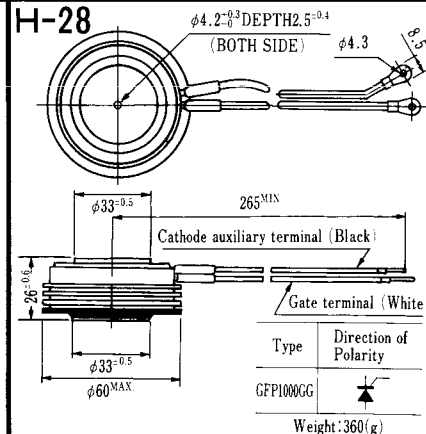
# H-27



| Type  | Direction of polarity |
|-------|-----------------------|
| CF11V |                       |

(注) CC11V: 400 ± 10  
CF11V: 250 ± 10

# H-28



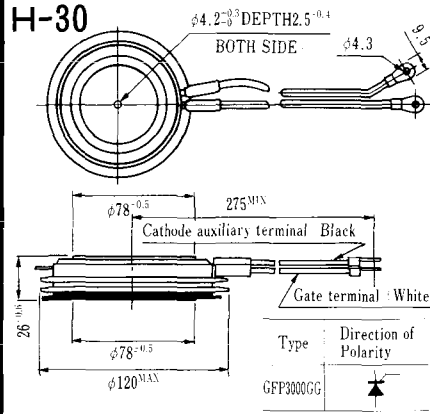
Note: The thickness is a dimension in press at the rated mounting force.

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



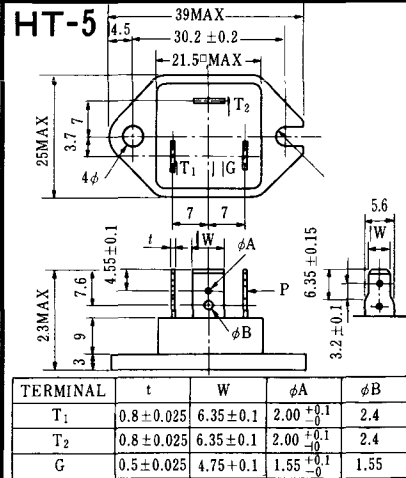
# HT-3



# HT-4



# HT-5



《寸法図単位：mm》

M-1



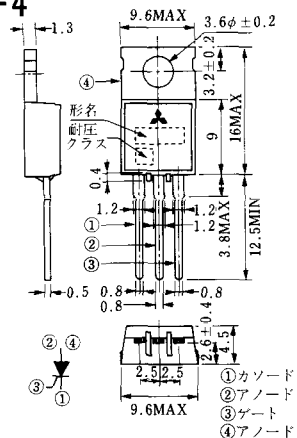
M-2



M-3



M-4



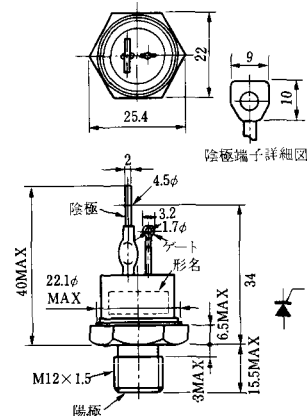
M-5



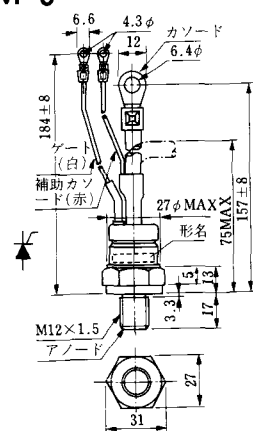
M-6



M-7



M-8



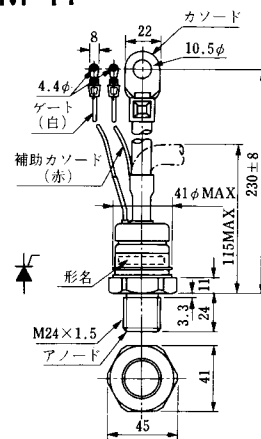
M-9



M-10



M-11



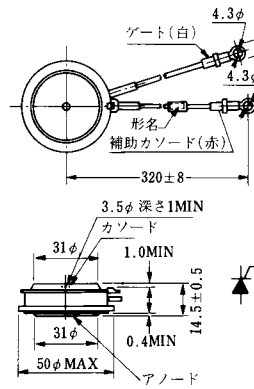
M-12



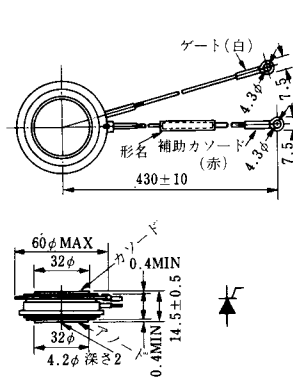
M-13



M-14



M-15



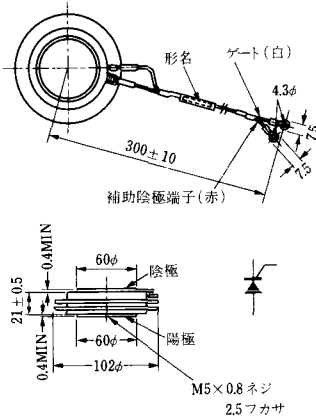
M-16



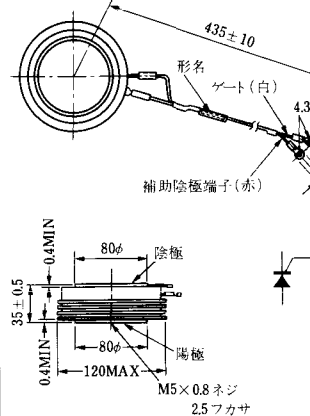
M-17



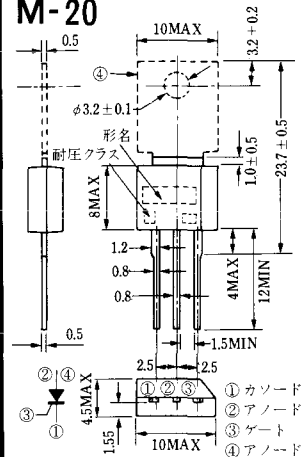
M-18



M-19



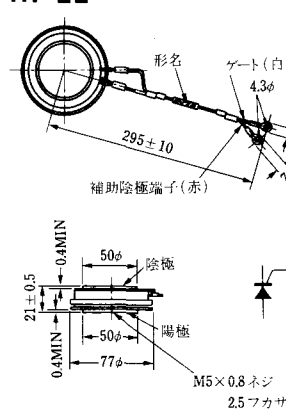
M-20



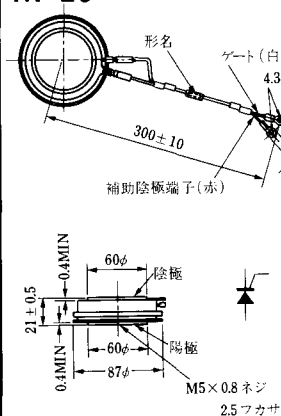
M-21



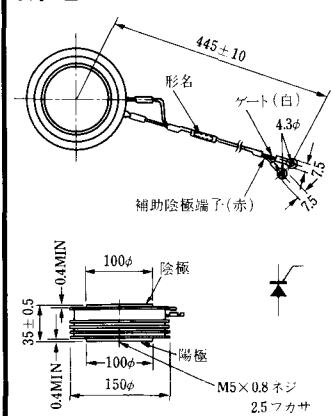
M-22



M-23



M-24



M-25



M-26



M-27



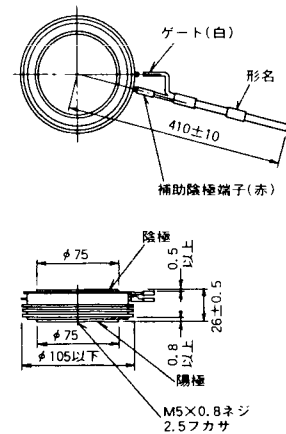
M-28



M-29



M-30



M-31



M-32



M-33



M-34



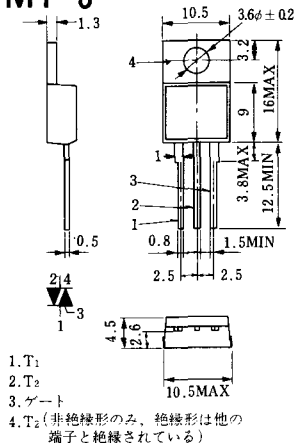
# MT-1



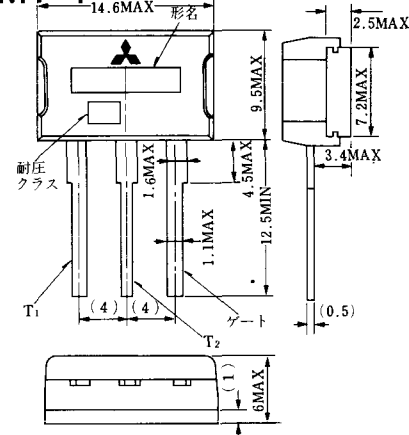
# MT-2



# MT-3



# MT-4



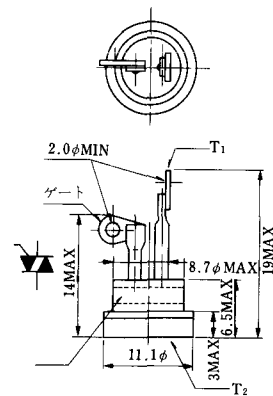
# MT-5



# MT-6



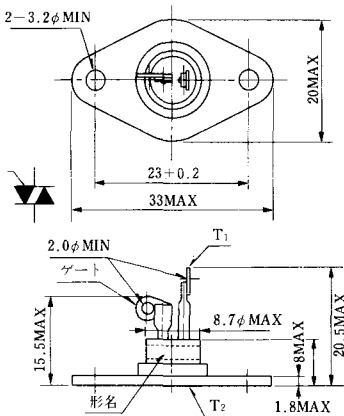
# MT-7



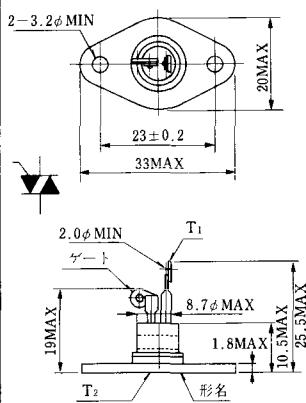
MT-8



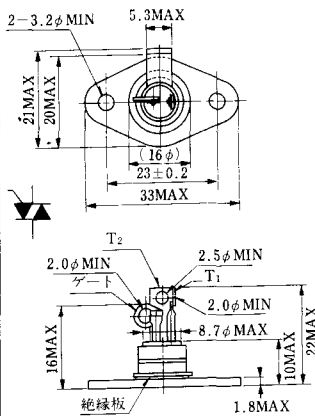
MT-9



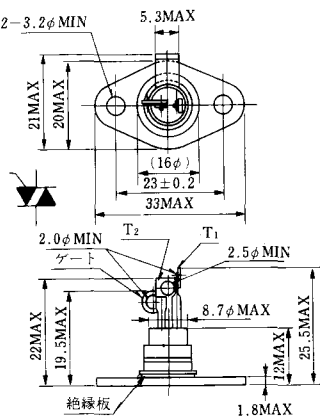
MT-10



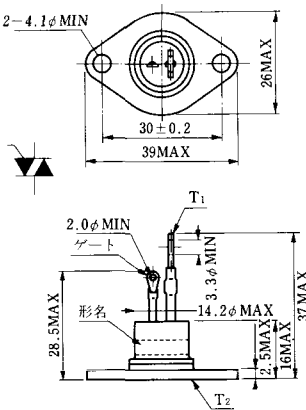
MT-11



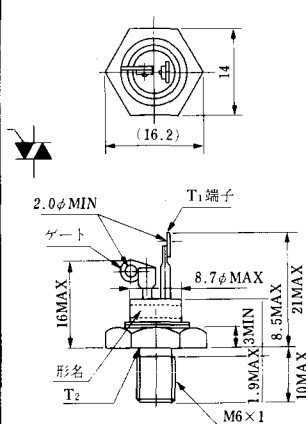
MT-12



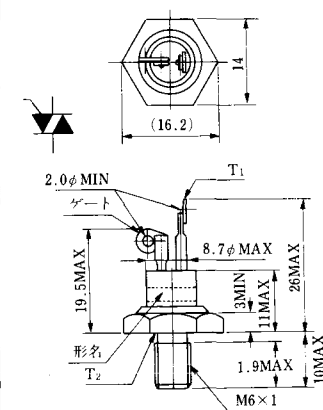
MT-13



MT-14



MT-15



MT-16



MT-17



MT-18



MT-19



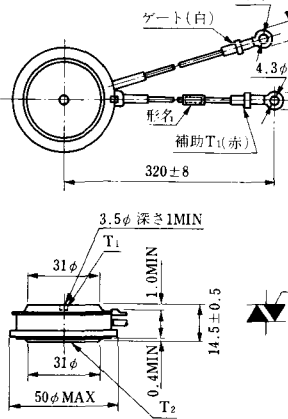
MT-20



MT-21



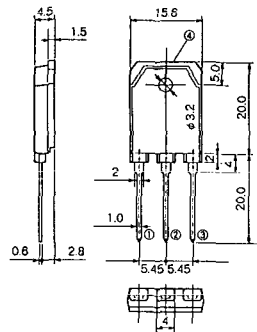
MT-22



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

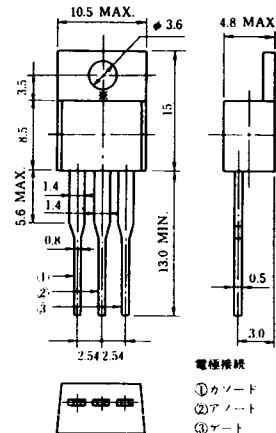
N-3



電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-4



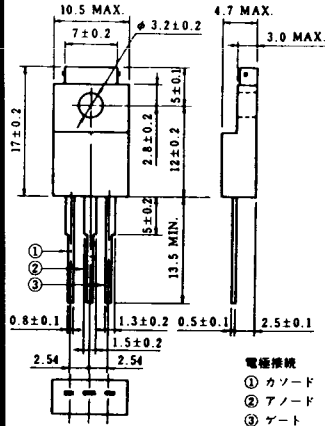
電極接続

- ① カソード
- ② アノード
- ③ ゲート

N-5



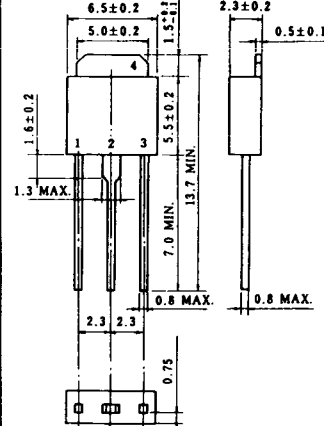
N-6



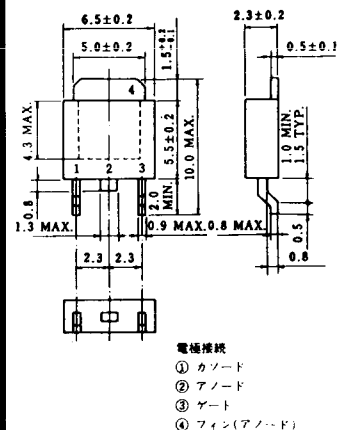
電極接続

- 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





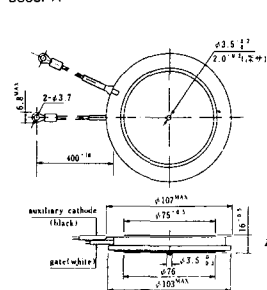
# NI-16

503PLF  
503PLH



# NI-17

3003PA



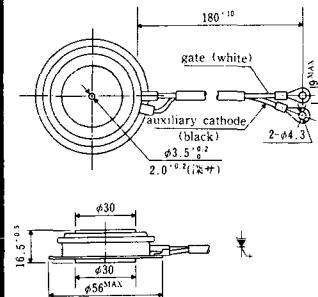
# NI-18

353PGA「E



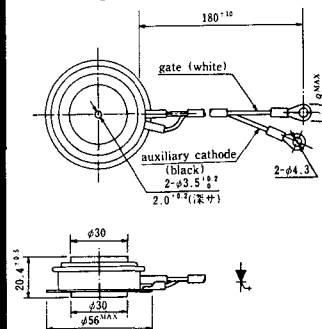
# NI-19

603PGA, 603PGA「A, 803PGA



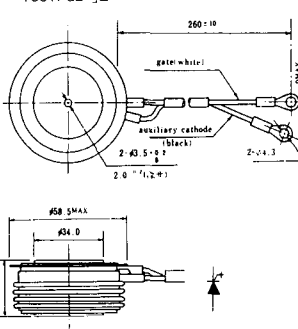
# NI-20

603PGA「E



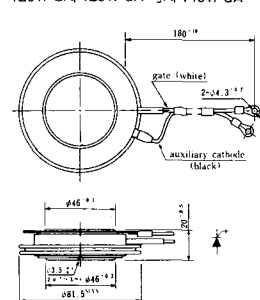
# NI-21

1001PGB「E



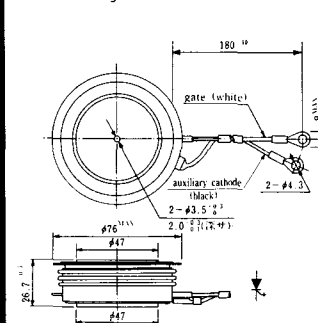
# NI-22

1201PGA, 1201PGA「A, 1401PGA



# NI-23

1201PGA「E



NI-24

2001PGB<sup>®</sup> JE



NI-25

NI-26

# NT-1



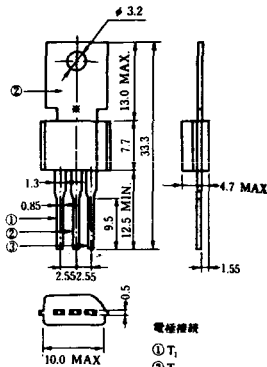
電線接続  
① T<sub>1</sub>  
② ゲート  
③ T<sub>2</sub>

# NT-2



電線接続  
① T<sub>1</sub>  
② ゲート  
③ T<sub>2</sub>

# NT-3



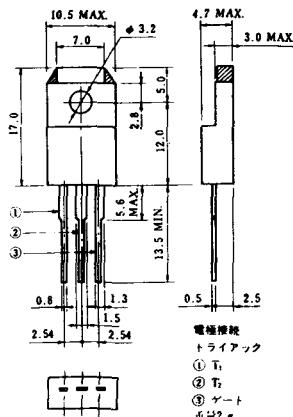
電線接続  
① T<sub>1</sub>  
② T<sub>2</sub>  
③ ゲート

# NT-4



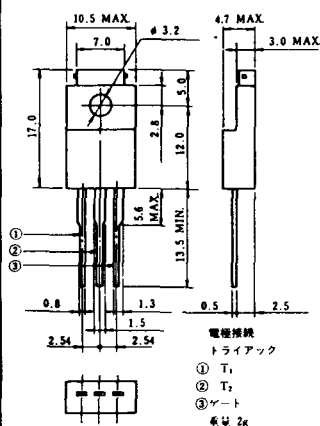
電線接続  
① T<sub>1</sub>  
② T<sub>2</sub>  
③ G

# NT-5



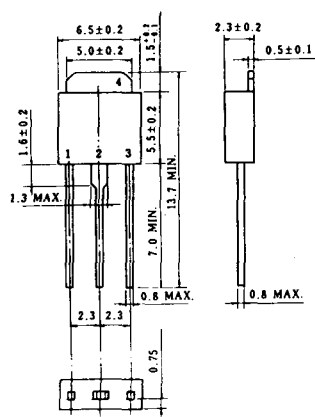
電線接続  
トリアック  
① T<sub>1</sub>  
② T<sub>2</sub>  
③ ゲート  
④ 2K

# NT-6

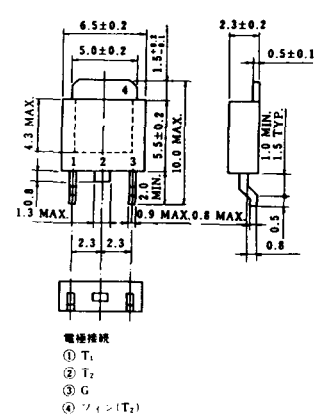


電線接続  
トリアック  
① T<sub>1</sub>  
② T<sub>2</sub>  
③ ゲート  
④ 2K

# NT-7



# NT-8



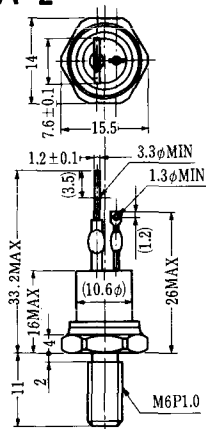
電線接続  
① T<sub>1</sub>  
② T<sub>2</sub>  
③ G  
④ ツイン(T<sub>2</sub>)



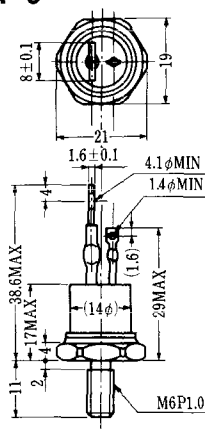
SA-1



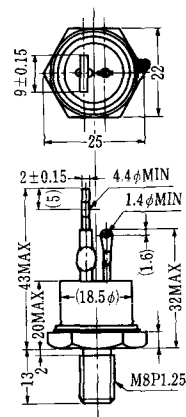
SA-2



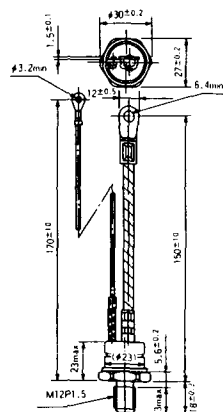
SA-3



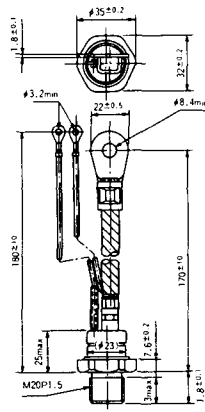
SA-4



SA-5



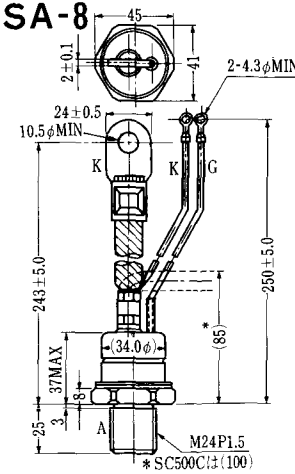
SA-6



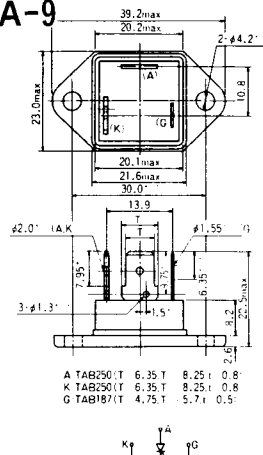
SA-7



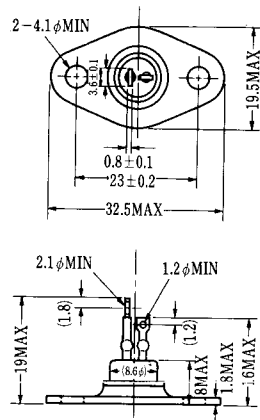
SA-8



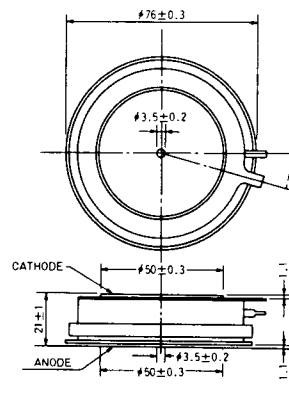
SA-9



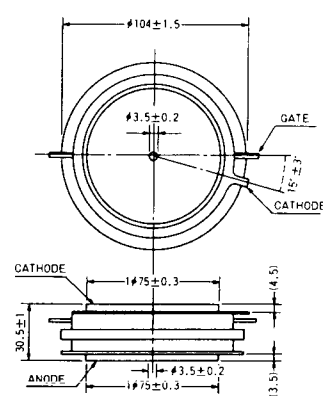
SA-10



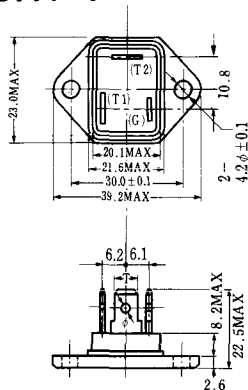
SA-11



SA-12



# SAT-1

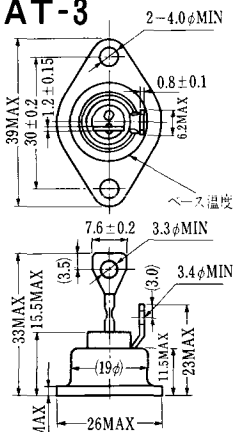


T1端子:ファストン250( $T=6.35$ ,  $t=0.8$ ,  $\phi=1.65$ )  
T2端子:ファストン250( $T=6.35$ ,  $t=0.8$ ,  $\phi=1.65$ )  
G端子:ファストン187( $T=4.75$ ,  $t=0.5$ ,  $\phi=1.3$ )

**SAT-2**



**SAT-3**



SAT-4



**SAT-5**



SAT-6



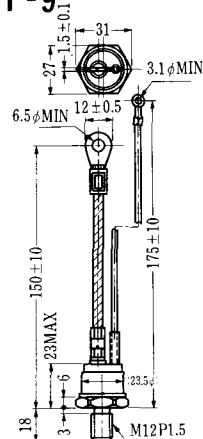
SAT-7



SAT-8



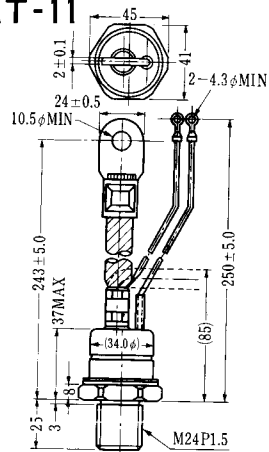
SAT-9.



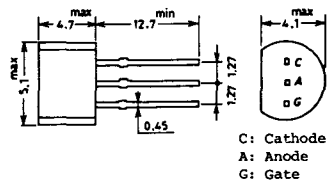
**SAT-10**



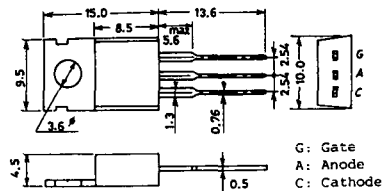
**SAT-11**



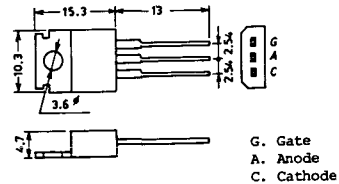
**SY-1**(1096A)



**SY-2**(1151)



**SY-3**(1104)



**SY-4**(1150)



1097A



G: Gate

1102



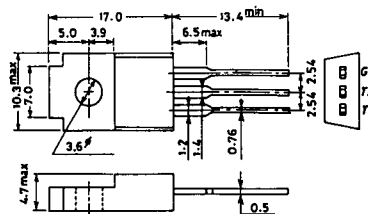
1141



1142



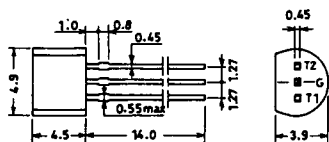
1144



1155



1192A

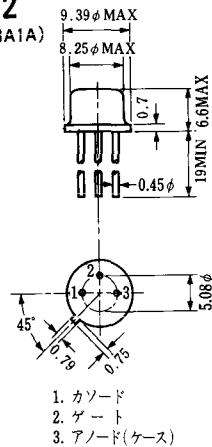


G: Gate

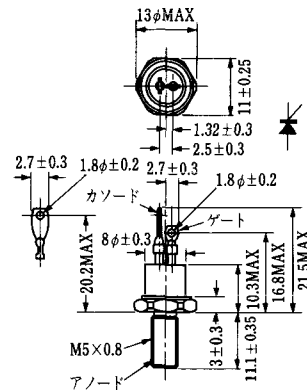
**T-1 (13-5A1A)**



**T-2 (13-8A1A)**



**T-3 (13-8C1A)**



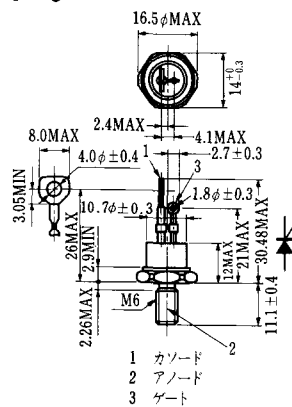
**T-4 (13-10A1A)**



**T-5 (13-10B1A)**



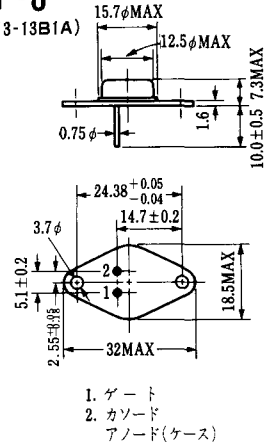
**T-6 (13-11D1A)**



**T-7 (13-13A1A)**



**T-8 (13-13B1A)**





**T-17 (13-42A1A)**



**T-18 (13-45D1A)**



**T-19 (13-52B1A)**



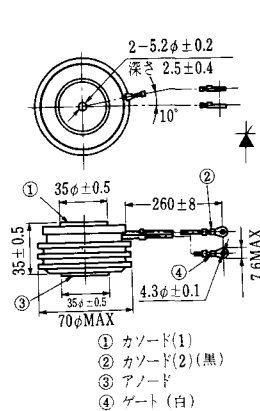
**T-20 (13-52C1A)**



**T-21 (13-60A1A)**



**T-22 (13-70C1A)**



**T-23 (13-78A1A)**



**T-24 (13-100C1A)**



**T-25** (13-120A2A)



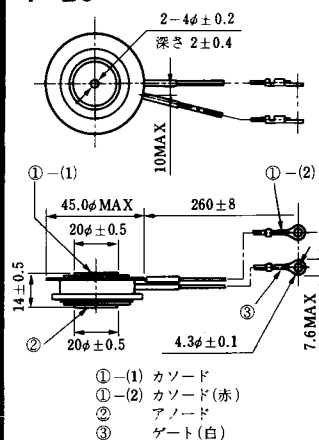
**T-26** (13-150A1A)



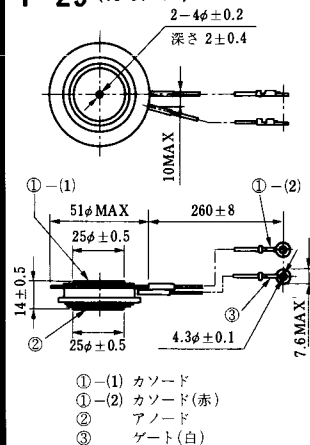
**T-27** (13-37A1A)



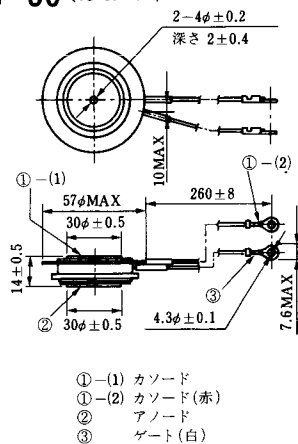
**T-28** (13-45E1A)



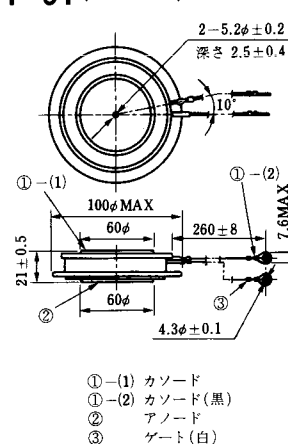
**T-29** (13-51A1A)



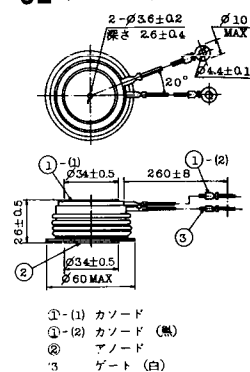
**T-30** (13-57A1A)



**T-31** (13-100E1A)



**T-32** (13-60E3A)





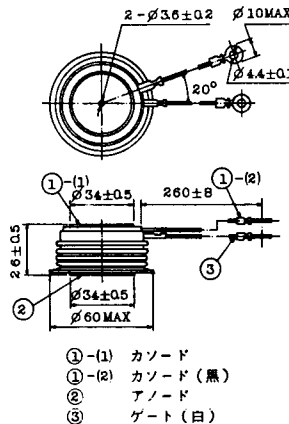
### T-41 (13-28A2A)



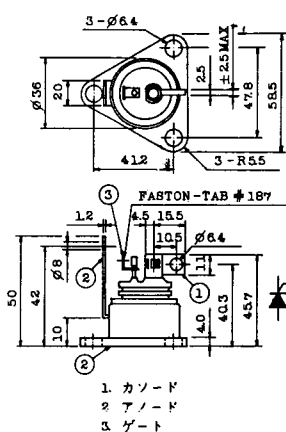
### T-42 (13-45F1A)



### T-43 (13-60E2A)



### T-44 (13-36A1A)



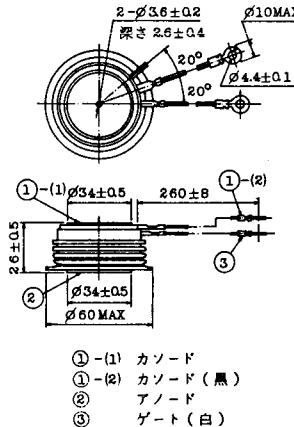
### T-45 (13-51B1A)



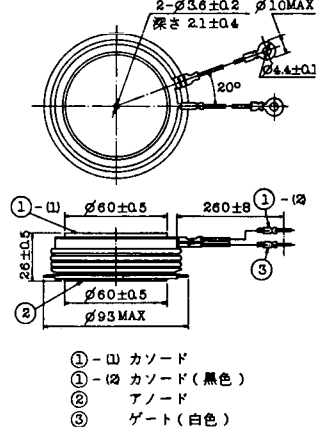
### T-46 (13-36B1A)



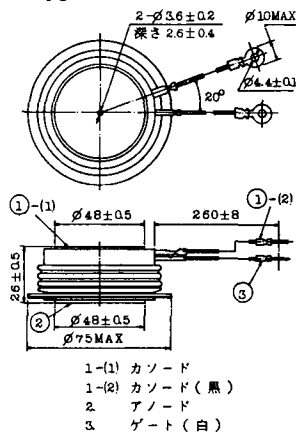
### T-47 (13-60E1A)



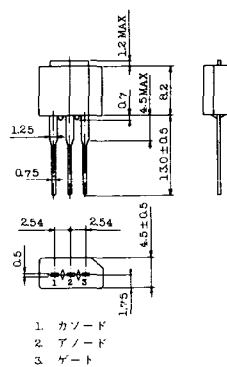
### T-48 (13-93C1A)



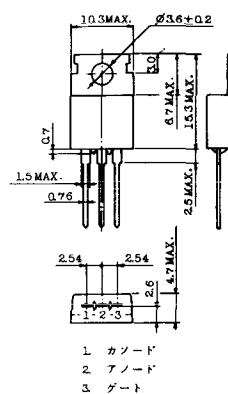
**T-49** (13-75A1A)



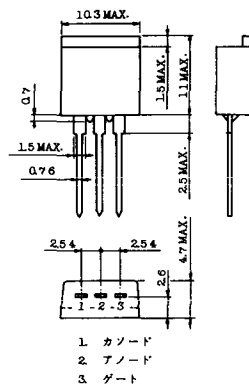
**T-50** (13-10A3A)



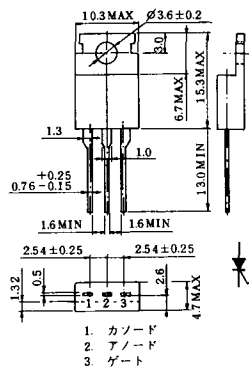
**T-51** (13-10D1A)



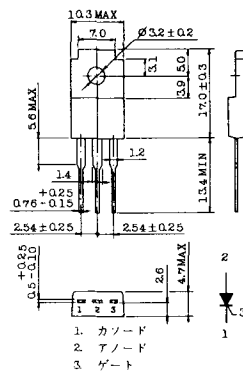
**T-52** (13-10D2A)



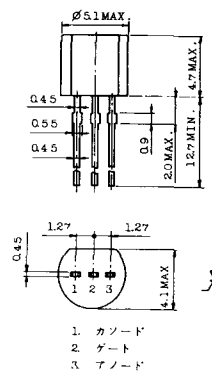
**T-53** (13-10E1B)



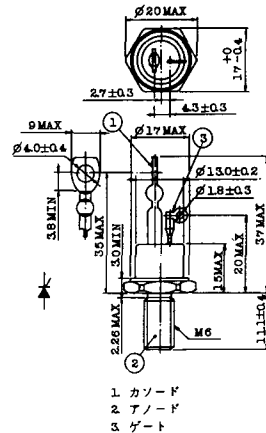
**T-54** (13-10F1B)



**T-55** (13-5A1D)

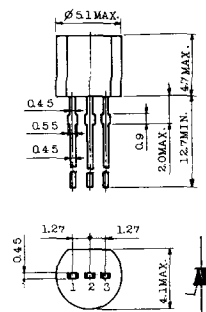


**T-56** (13-13C1A)



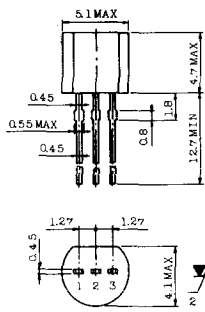


TT-1



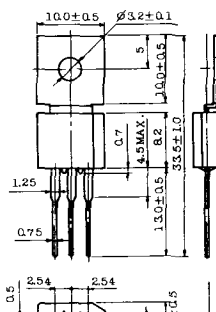
1. ゲート
2. T<sub>2</sub>
3. T<sub>1</sub>

TT-2



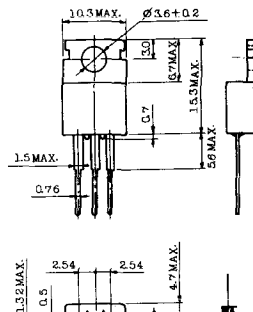
1. T<sub>1</sub>
2. ゲート
3. T<sub>2</sub>

TT-3



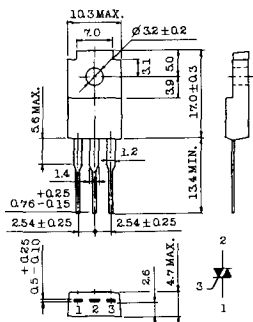
1. T<sub>1</sub>
2. T<sub>2</sub>
3. ゲート

TT-4



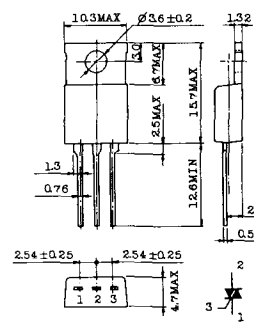
1. T<sub>1</sub>
2. T<sub>2</sub>
3. ゲート

TT-5



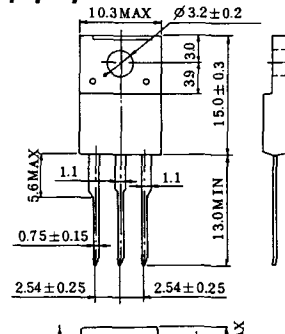
1. T<sub>1</sub>
2. T<sub>2</sub>
3. ゲート

TT-6



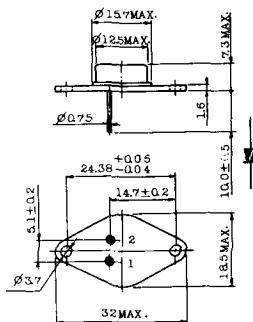
1. T<sub>1</sub>
2. T<sub>2</sub> (放熱板)
3. ゲート

TT-7



1. T<sub>1</sub>
2. T<sub>2</sub>
3. ゲート

TT-8



1. ゲート
2. T<sub>1</sub>
- T<sub>2</sub> (ケース)

TT-9



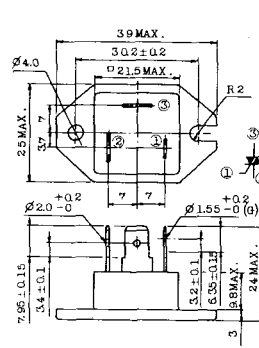
1. ゲート
2. T<sub>1</sub>
3. T<sub>2</sub> (ケース)

TT-10



1. ゲート
2. T<sub>1</sub>
3. T<sub>2</sub> (ケース)

TT-11



1. ゲート (ファストン端子 #187)
2. T<sub>1</sub> ( " #250)
3. T<sub>2</sub> ( " #250)

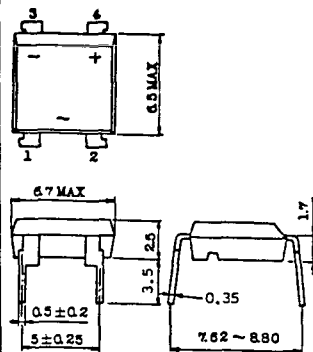
TT-12



ゲート端子詳細

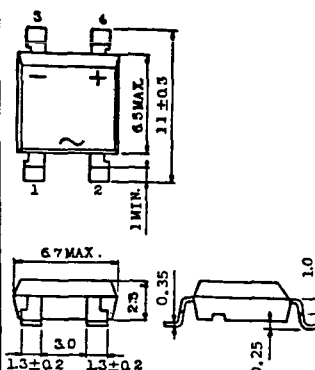
- ① ゲート (ファストン端子 #187)
- ② T<sub>1</sub> ( " #250)
- ③ T<sub>2</sub> ( " #250)

TT-13



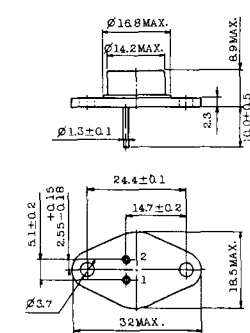
- 1, 2: T<sub>2</sub>
- 3: GATE
- 4: T<sub>1</sub>

TT-14



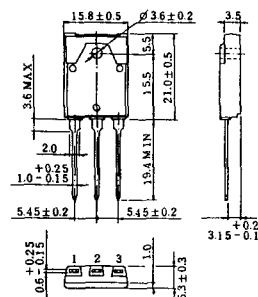
- 1, 2: T<sub>2</sub>
- 3: GATE
- 4: T<sub>1</sub>

TT-15 (13-14A1B)



1. ゲート
2. T<sub>1</sub>
- T<sub>2</sub> (ケース)

TT-16 (13-16A1A)

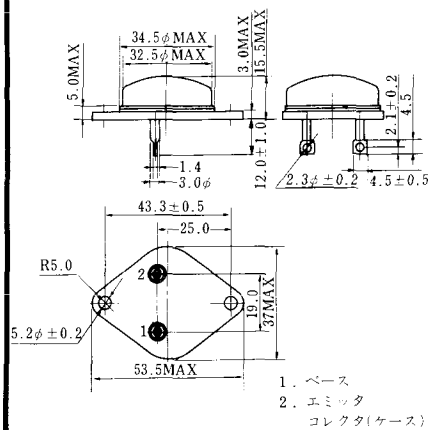


1. T<sub>1</sub>
2. T<sub>2</sub>
3. ゲート

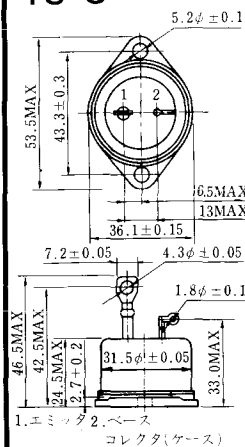
TS-1



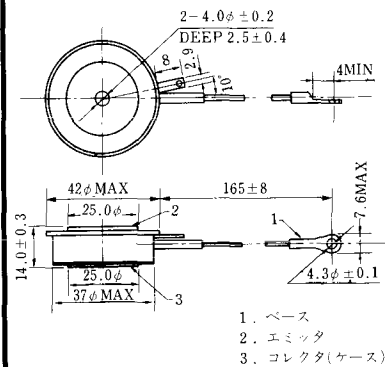
TS-2



TS-3



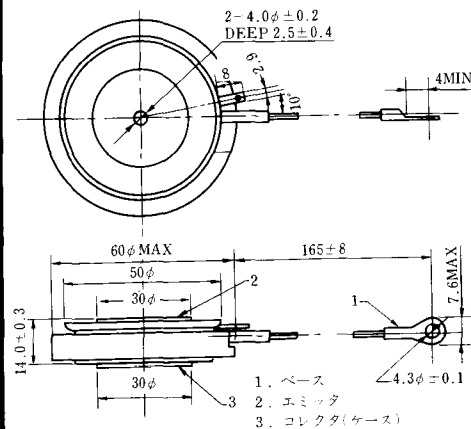
TS-4



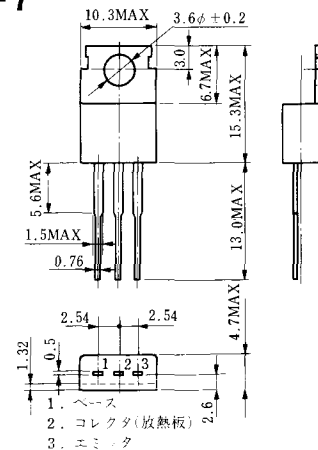
TS-5



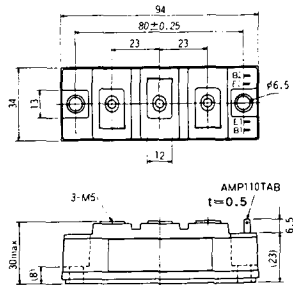
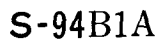
TS-6



TS-7









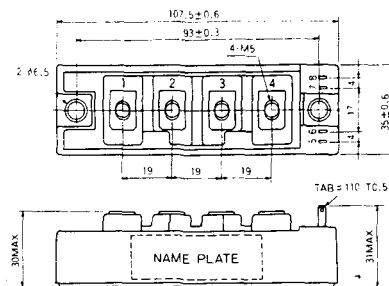
S-108B1A



S-108B1B



S-108B1C



S-108B2A



S-108B2B



2-22B1A



2-27A4A



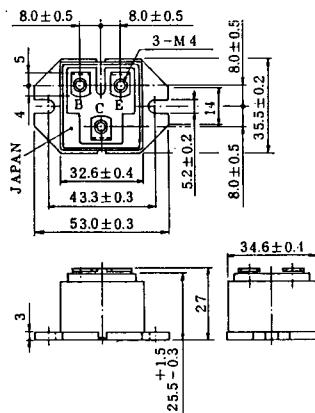
2-33C1A



2-33D1A



2-33F1A



2-37A1A



2-48A3A



2-48A3B



2-48A4A



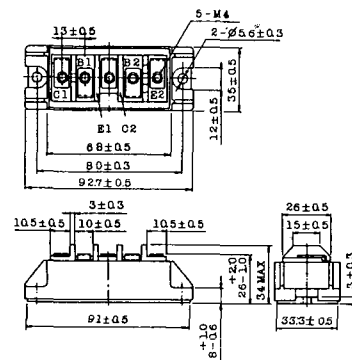
2-64A2A



2-64A2B

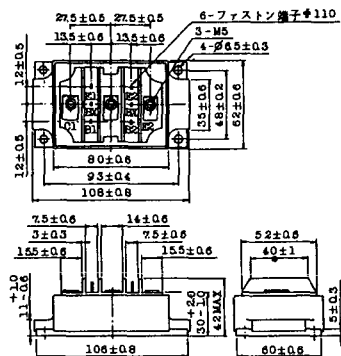


2-68A2A

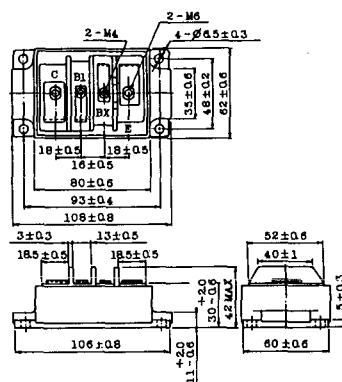




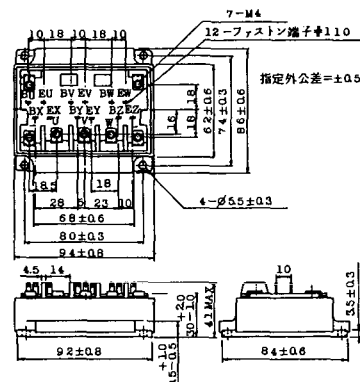
# 2-80C1A



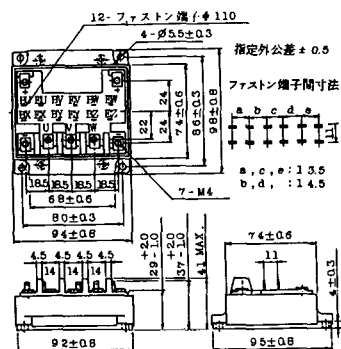
# 2-80D2A



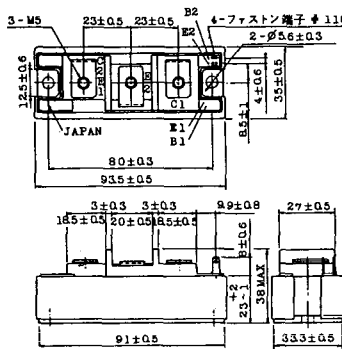
# 2-94A2A



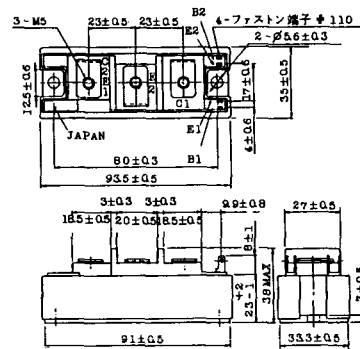
# 2-94B1A



# 2-94C2A



# 2-94C3A

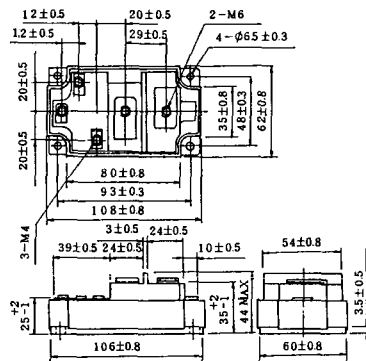




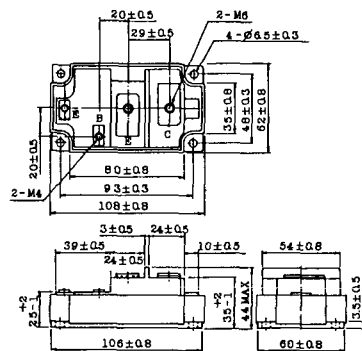
## 2-108B1A



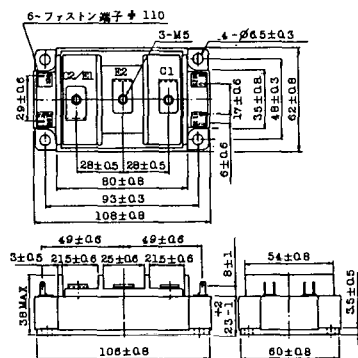
## 2-109A3A



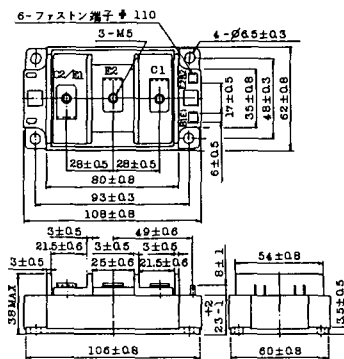
## 2-109A4A



## 2-109B3A



## 2-109B4A



# BBT-II

BBTII  
1D200A-020



# BBT-III

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



# BBT-III

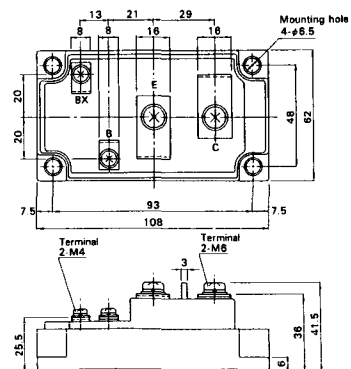
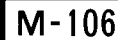
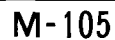
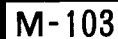
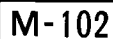
BBTIII  
ETN01-055  
ET1257



# BBT-IV

BBTIV  
1D500A-030





# M-107



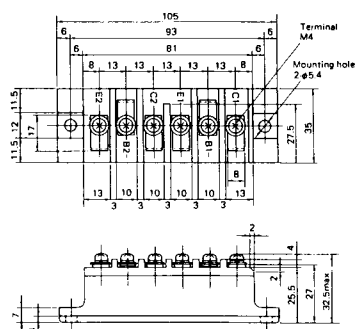
# M-116



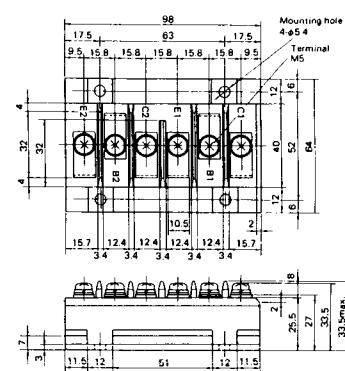
M-201



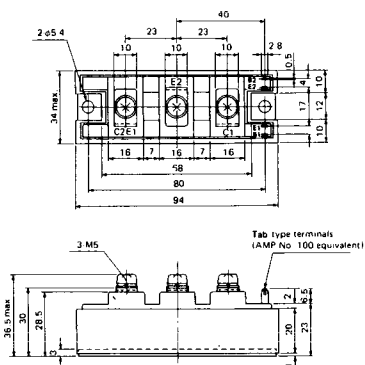
M-202



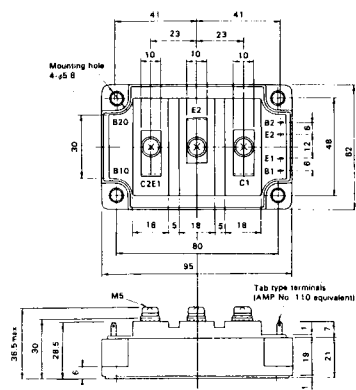
M-203



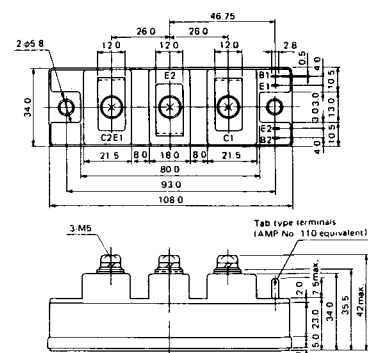
M-204



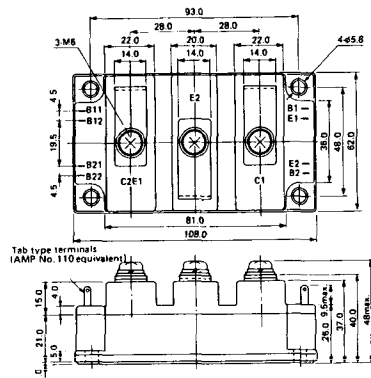
M-205



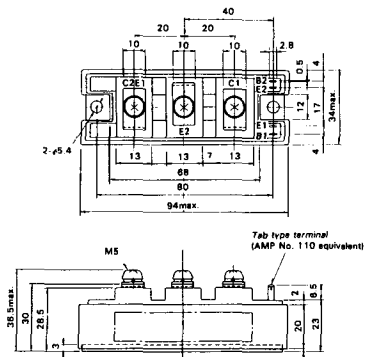
M-206



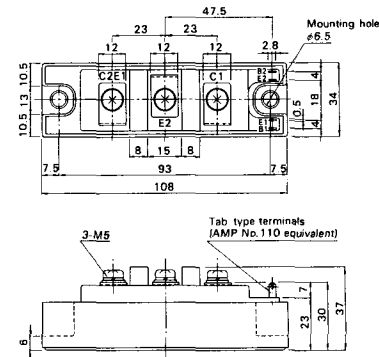
M-207



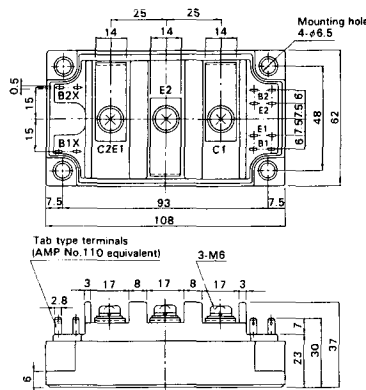
M-208



M-209



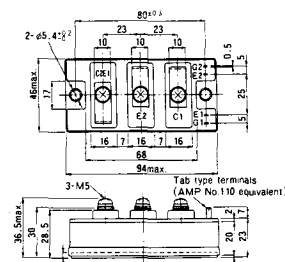
M-210



M-211



M-212



M-213



M-214

M-215



M-216



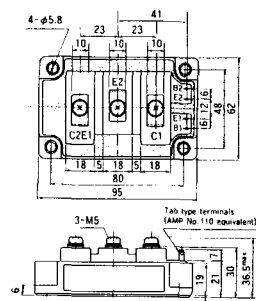
M-217



M-218



M-219



M-601



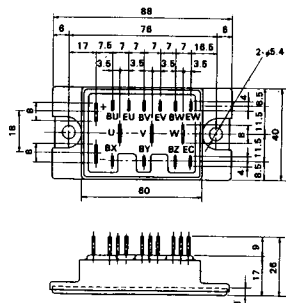
M-602



M-603



M-604



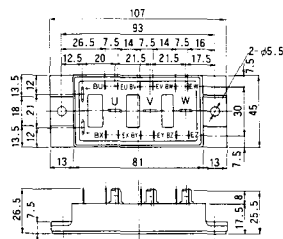
M-605



M-606



M-607



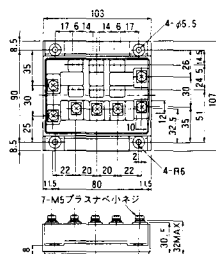
M-608



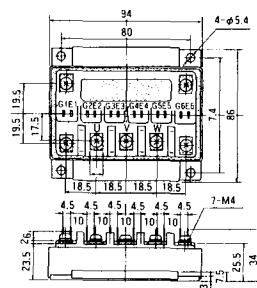
M-609



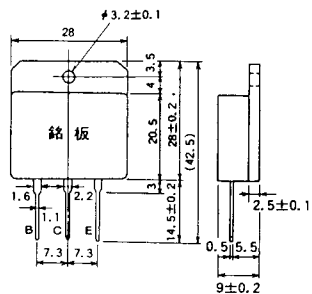
M-610



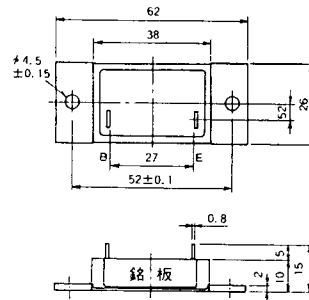
M-616



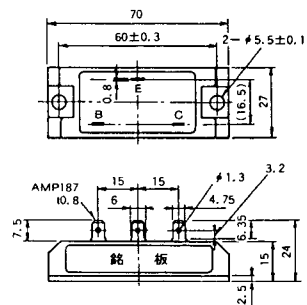
M-1A1A



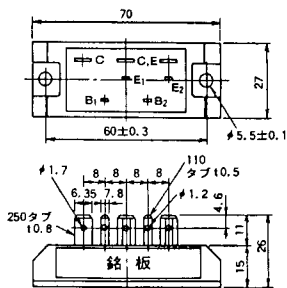
M-2A1A



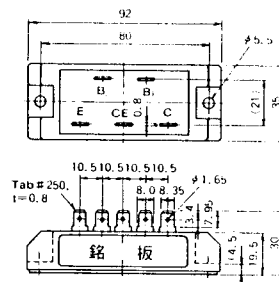
M-2B1A



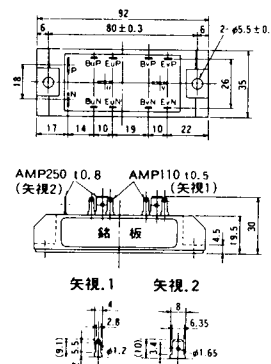
M-2B2A



M-2C2A



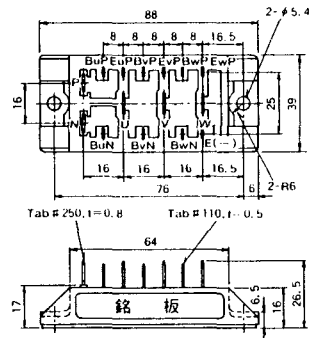
M-2D4A



# M-2E6A



# M-2F6A



# M-2G6A



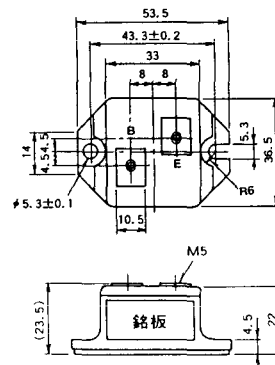
# M-3A1A



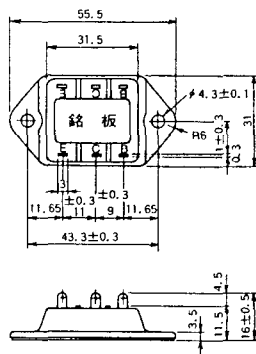
# M-3B1A



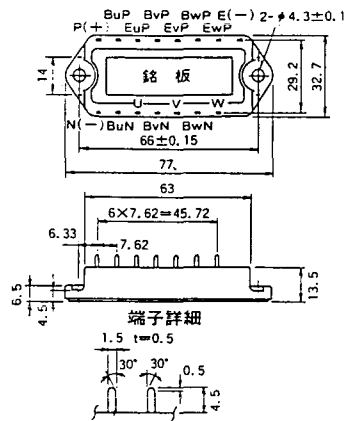
# M-3B1B



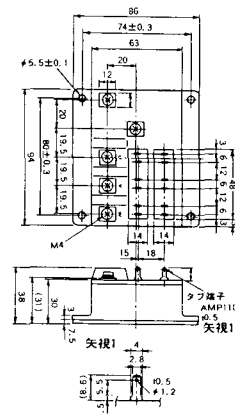
M-3C1A



M-3D6A



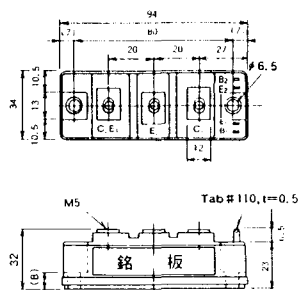
M-3E6A



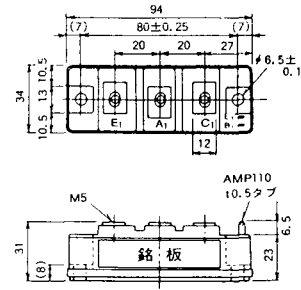
M-4A1A



M-4A2A



M-4A1B



M-4A2B



M-4B2A



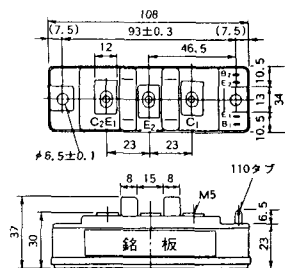
M-5A1A



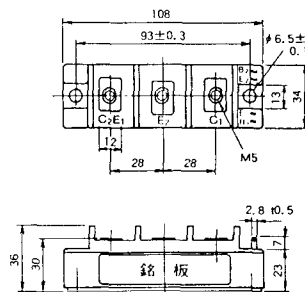
M-5A1B



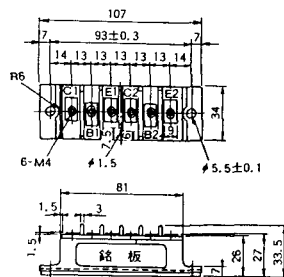
M-5A2A



M-5B2A



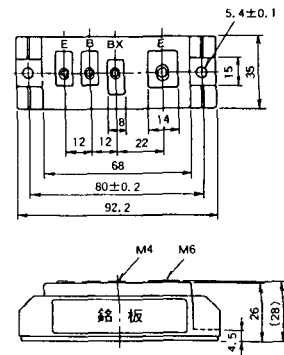
M-5C2A



M-5D2A



M-6A1A



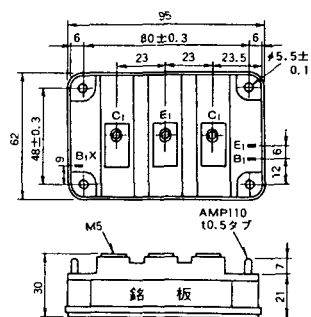
M-7A1A



M-7B1A



M-8A1A



M-8A1B



M-8A2A



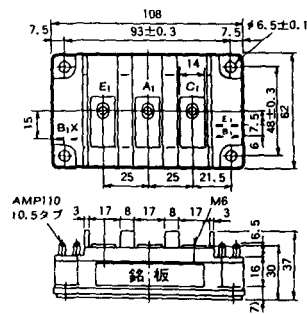
M-8A2B



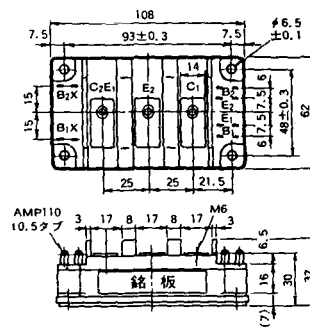
M-8B2A



M-9A1A



M-9A2A



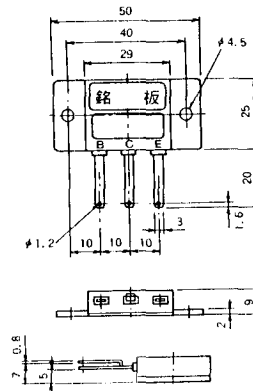
M-9B1A



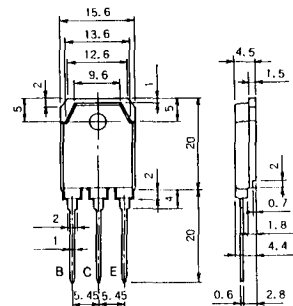
M-9C2A



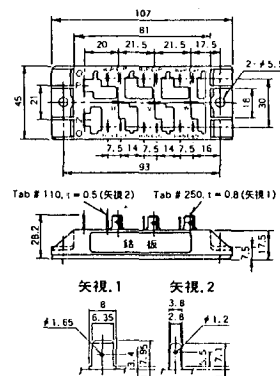
M-1A1B



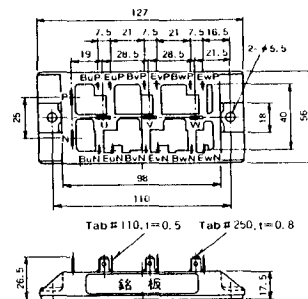
M-1A1C



M-2E6B



M-2E6C

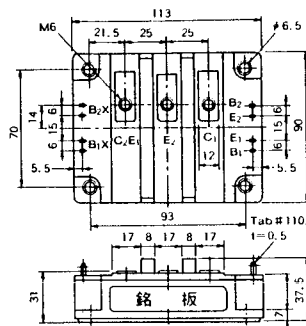




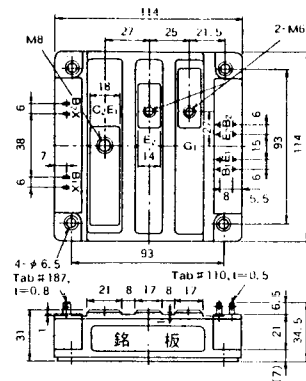
M-10A2A



M-10A2B



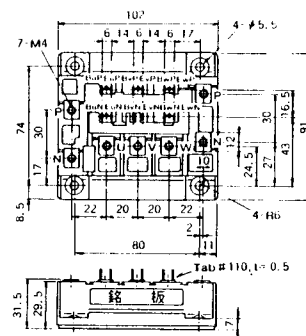
M-11A2A



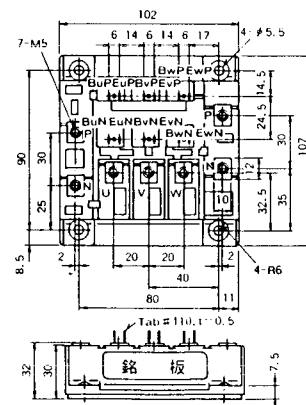
M-12A6A



M-12B6A



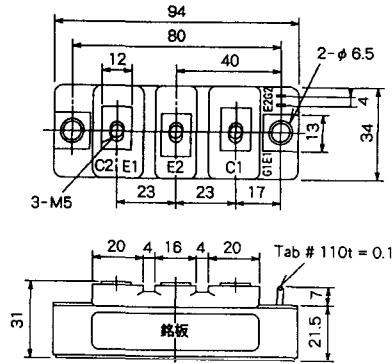
M-12B6B



M-4A2D



M-4A2E



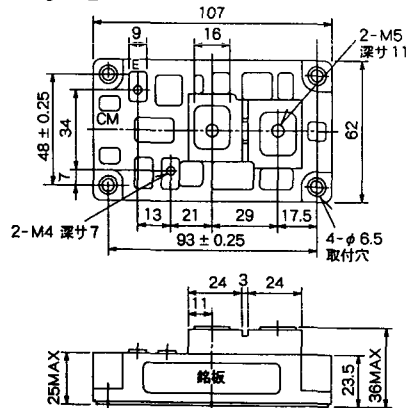
M-4C2A



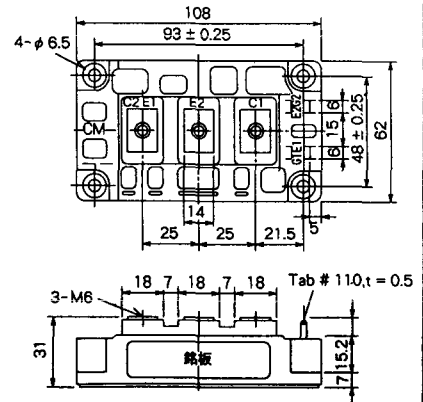
M-4C2B



M-9B1C



M-9D2A



M-9D2B



M-10A2C



H-101



Weight :480g

TERMINALS

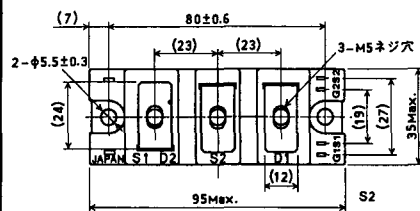
# H-201



# H-202



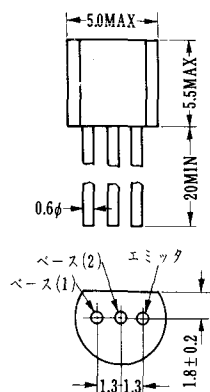
# LF-J



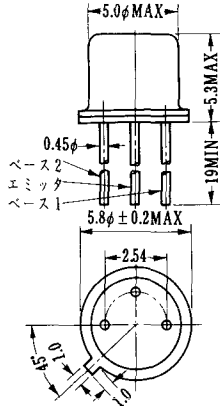
# LF-K



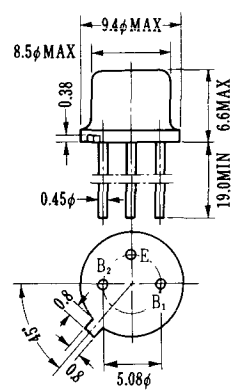
U-1



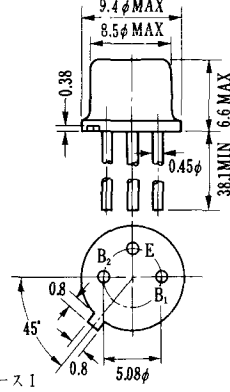
U-2



U-3



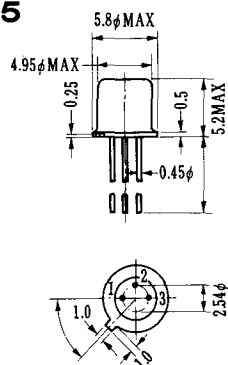
U-4



電極接続

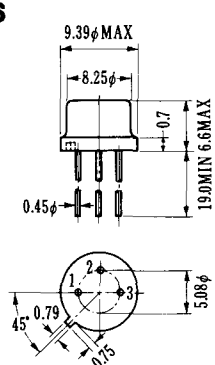
B<sub>1</sub>: ベース1  
B<sub>2</sub>: ベース2  
E: エミッタ

U-5



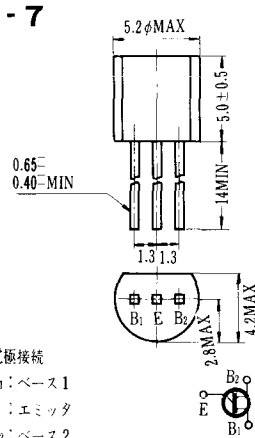
1. BASE1  
2. EMITTER  
3. BASE2 (CASE)

U-6



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

U-7



電極接続

B<sub>1</sub>: ベース1  
E: エミッタ  
B<sub>2</sub>: ベース2

U-8

