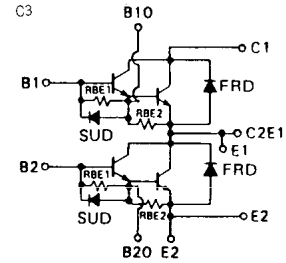
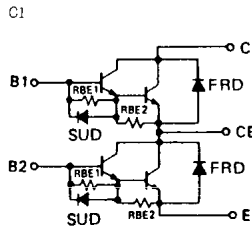


トランジスタ・モジュール (NPN, ダーリントン接続, 2個直列接続)

- ダーリントン・トランジスタ2個直列接続
- フリーホイール・ダイオード付
- 絶縁形
- 直流電流増幅率は70以上(定格電流にて)

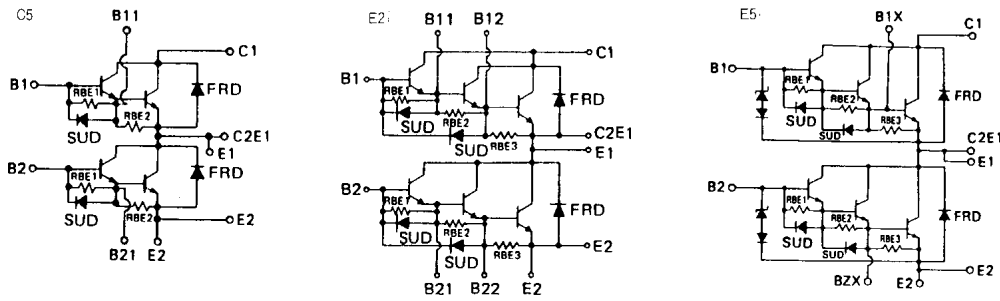
■等価回路



注1. 1トランジスタ当たり。 注2. AC, 1分間。 注3. #印は $V_{CE0}$  ( $I_C$ の単位はmA)。

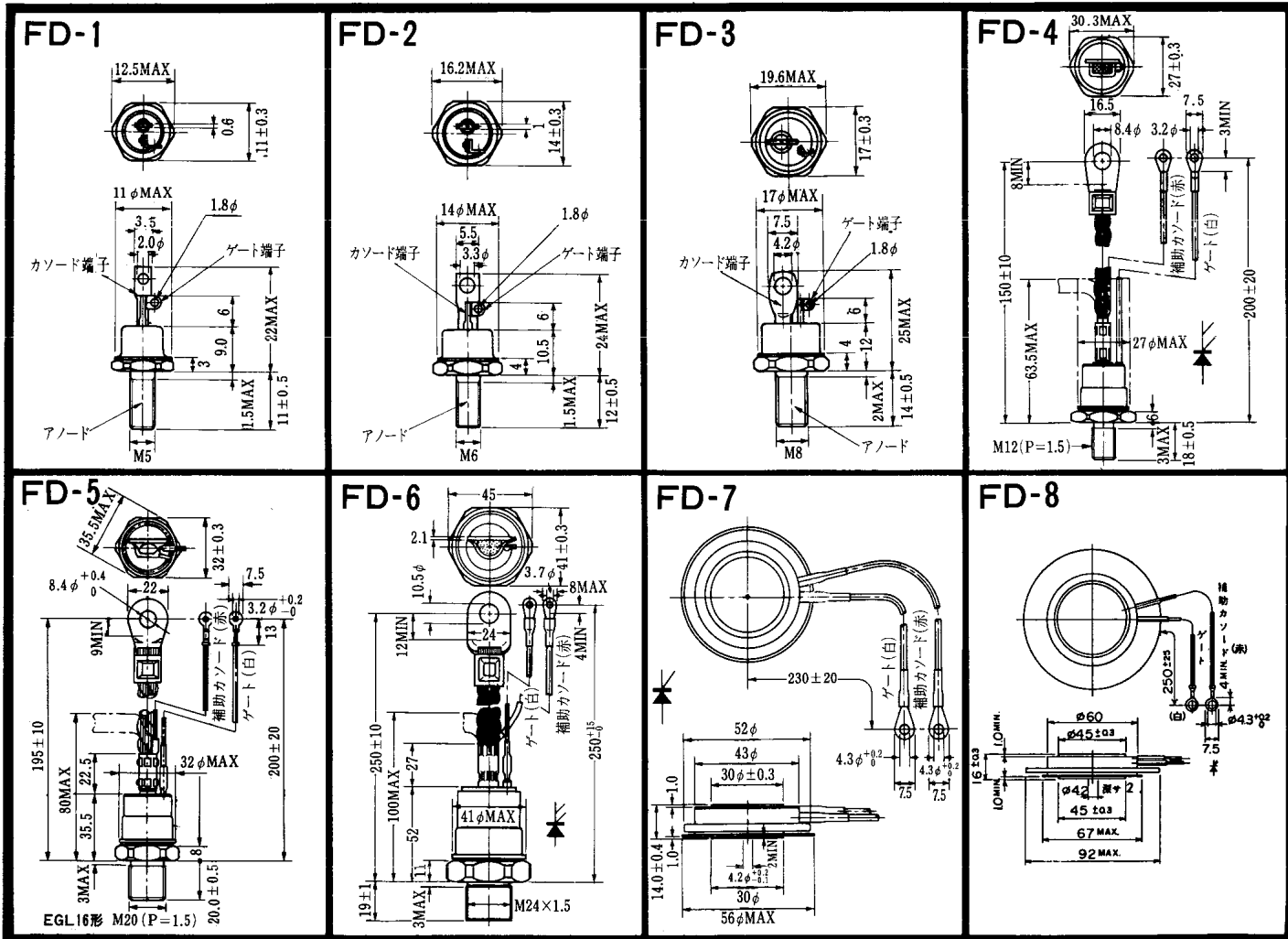
型名	最大定格										電気的特性										
	$V_{CB0}$ (V)	$V_{CE0}$ (SUS) $V_{CE0}$ # (V)	$V_{RBO}$ (V)	$I_C$ (A)	$I_{CP}$ (1ms) (A)	$I_B$ (A)	$I_F$ (A)	$P_C$		$T_j$ (°C)	$T_{stg}$ (°C)	$V_{I.O.}$ (注2) (V)	$I_{CBO}$ (mA)	$I_{RBO}$		$V_{CE0}$ (SUS)		$h_{FE}$			
								(注1)	Total					最大	$V_{CB}$	最大	$V_{EB}$	最小	$I_C$	最小	$V_{CE}$
2DI75M-050	600	450	10	75	150	4.5	75	350	700	150	-40~125	2500	1.0	600	200	10	450	1.0	750	2.5	75
2DI75Z-100	1000	1000 #	10	75	150	4.0	75	500	1000	150	-40~125	2500	1.0	1000	200	10	1000 #	1	100	5	75
2DI75Z-120	1200	1200 #	10	75	150	4.0	75	500	1000	150	-40~125	2500	1.0	1200	200	10	1200 #	1	100	5	75
2DI100A-120	1200	1200 #	10	100	200	6.0	100	800	1600	150	-40~125	2500	1.0	1200	200	10	1200 #	1	70	5	100
2DI100A-140	1400	1400 #	10	100	200	6.0	100	800	1600	150	-40~125	2500	1.0	1200	200	10	1400 #	20	70	5	100
2DI100D-050	600	450	7	100	200	6.0	100	620	1240	150	-40~125	2500	1.0	600	400	7	450	1.0	100	5	100
2DI100D-100	1000	800	10	100	200	6.0	100	800	1600	150	-40~125	2500	1.0	1000	400	10	800	5.0	100	5	100
2DI100M-050	600	450	10	100	200	6.0	100	620	1240	150	-40~125	2500	1.0	600	400	10	450	1.0	1000	2.5	100
2DI100Z-100	1000	1000 #	10	100	200	5.0	100	800	1600	150	-40~125	2500	2.0	1000	400	10	1000 #	2	100	5	100
2DI100Z-120	1200	1200 #	10	100	200	6.0	100	800	1600	150	-40~125	2500	2.0	1200	400	10	1200 #	2	100	5	100
2DI150A-120	1200	1200 #	10	150	300	8.0	150	1000	2000	150	-40~125	2500	1.0	1200	200	10	1200 #	1	70	5	150
2DI150A-140	1400	1400 #	10	150	300	8.0	150	1000	2000	150	-40~125	2500	1.0	1200	200	10	1400 #	20	70	5	150
2DI150D-050	600	450	7	150	300	9.0	150	690	1380	150	-40~125	2500	1.0	600	400	7	450	1.0	100	5	150
2DI150D-100	1000	800	10	150	300	8.0	150	1000	2000	150	-40~125	2500	1.0	1000	400	10	800	5.0	100	5	150
2DI150M-050	600	450	10	150	300	9.0	150	690	1380	150	-40~125	2500	1.0	600	400	10	450	1.0	1500	2.5	150
2DI150Z-100	1000	1000 #	10	150	300	4.0	150	1000	2000	150	-40~125	2500	2.0	1000	400	10	1000 #	2	100	5	150
2DI150Z-120	1200	1200 #	10	150	300	8.0	150	1000	2000	150	-40~125	2500	2.0	1200	400	10	1200 #	2	100	5	150
2DI200A-050	600	450	10	200	400	10	200	900	1800	150	-40~125	2500	2.0	600	600	10	450	2.0	80	5	200
2DI200D-100	1000	800	10	200	400	8.0	200	1200	2400	150	-40~125	2500	1.0	1000	400	10	800	5.0	100	5	200
2DI240A-055	600	550	6	240	480	10	240	1000	2000	150	-40~125	2500	2.0	600	600	6	550	2.0	70	5	240

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飽和電圧 (V)		(T <sub>J</sub> = 25°C)						エミッタ・コレクタ間ダイオード						熱抵抗		等価回路	外形図	記	事	型名		
V <sub>CE</sub>	V <sub>BE</sub>	I <sub>C</sub>	I <sub>B</sub>	スイッチング時間 (μs)			I <sub>B1</sub>	I <sub>B2</sub>	I <sub>C</sub>	V <sub>F</sub>	t <sub>rr</sub>	I <sub>F</sub>	V <sub>BE</sub>	di/dt	R <sub>th(j-c)</sub> (°C/W)							
最大	最大	(A)	(A)	t <sub>on</sub>	t <sub>off</sub>	t <sub>r</sub>	(A)	(A)	(A)	最大	(μs)	(A)	(V)	(A/μs)	最大						最大	
2.5	3.0	75	0.1	3.0	8	3.0	0.1	-1.5	75	1.8	75	0.6	75	-6	150	0.35	0.85	E 6	M 2 0 8			2D175M-050
2.8	3.5	75	1.0	2.5	12	2.0	1.0	-1.5	75	1.8	75	0.7	75	-6	75	0.25	1.2	E 4	M 2 0 9			2D175Z-100
2.8	3.5	75	1.0	3.0	15	2.0	1.0	-1.5	75	2.0	75	0.8	75	-6	75	0.25	1.2	E 4	M 2 0 9			2D175Z-120
2.5	3.5	100	3.0	3.0	15	3.0	3.0	-9.0	100	2.0	100	0.6	100	-6	100	0.15	0.45	E 2	M 2 0 7	U L : E 8 2 9 8 8 (M)		2D1100A-120
2.5	3.5	100	3.0	3.0	15	3.0	3.0	-9.0	100	2.0	100	0.6	100	-6	100	0.15	0.45	E 2	M 2 0 7			2D1100A-140
2.0	2.5	100	2.0	3.0	12	4.0	2.0	-2.0	100	1.5	100	0.6	100	-6	100	0.2	1.6	C 3	M 2 0 5			2D1100D-050
2.5	3.5	100	2.0	2.5	15	3.0	2.0	-6.0	100	1.8	100	0.5	100	-6	100	0.15	0.45	E 2	M 2 0 7			2D1100D-100
2.5	3.0	100	0.1	3.0	8	3.0	0.1	-2.0	100	1.8	100	0.6	100	-6	200	0.2	0.8	E 6	M 2 0 5			2D1100M-050
2.8	3.5	100	1.4	3.0	15	2.0	1.4	-2.0	100	2.0	100	0.8	100	-6	100	0.156	0.65	E 5	M 2 1 0			2D1100Z-100
2.8	3.5	100	1.4	3.0	15	2.0	1.4	-2.0	100	2.0	100	0.8	100	-6	100	0.156	0.65	E 5	M 2 1 0			2D1100Z-120
2.5	3.5	150	4.0	3.5	15	3.0	4.0	-12	150	2.0	150	0.6	150	-6	150	0.125	0.31	E 2	M 2 0 7	U L : E 8 2 9 8 8 (M)		2D1150A-120
2.5	3.5	150	4.0	3.0	15	3.0	4.0	-12	150	2.0	150	0.6	150	-6	150	0.125	0.31	E 2	M 2 0 7			2D1150A-140
2.0	2.5	150	3.0	3.0	12	4.0	3.0	-3.0	150	1.5	150	0.6	150	-6	150	0.18	0.6	C 3	M 2 0 5			2D1150D-050
2.5	3.5	150	3.0	2.5	15	3.0	3.0	-9.0	150	1.8	150	0.5	150	-6	150	0.125	0.31	E 2	M 2 0 7			2D1150D-100
2.5	3.0	150	0.1	3.0	8	3.0	0.1	-3.0	150	1.8	150	0.6	150	-6	300	0.18	0.60	E 7	M 2 0 5			2D1150M-050
2.8	3.5	150	2.0	2.5	12	2.0	2.0	-3.0	150	1.8	150	0.7	150	-6	150	0.125	0.60	E 5	M 2 1 0			2D1150Z-100
2.8	3.5	150	2.0	3.0	15	2.0	2.0	-3.0	150	2.0	150	0.8	150	-6	150	0.125	0.60	E 5	M 2 1 0			2D1150Z-120
2.0	2.5	200	5.0	2.0	12	3.0	5.0	-5.0	200	1.8	200	0.6	200	-6	200	0.14	0.45	C 5	M 2 0 7			2D1200A-050
2.5	3.5	200	4.0	2.5	15	3.0	4.0	-12	200	1.8	200	0.5	200	-6	200	0.1	0.31	E 2	M 2 0 7			2D1200D-100
2.0	2.5	240	7.0	2.0	12	3.0	7.0	-7.0	240	1.5	240	0.6	240	-6	240	0.125	0.3	C 3	M 2 0 7			2D1240A-055

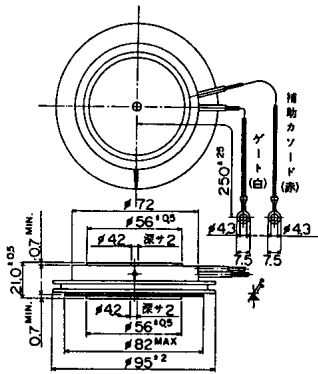
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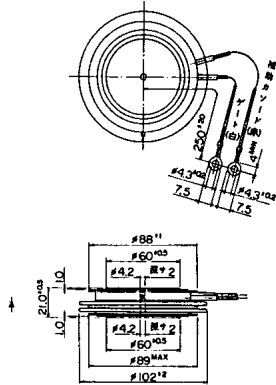
<http://store.iicc/>

〈寸法図単位:mm〉

FD-9

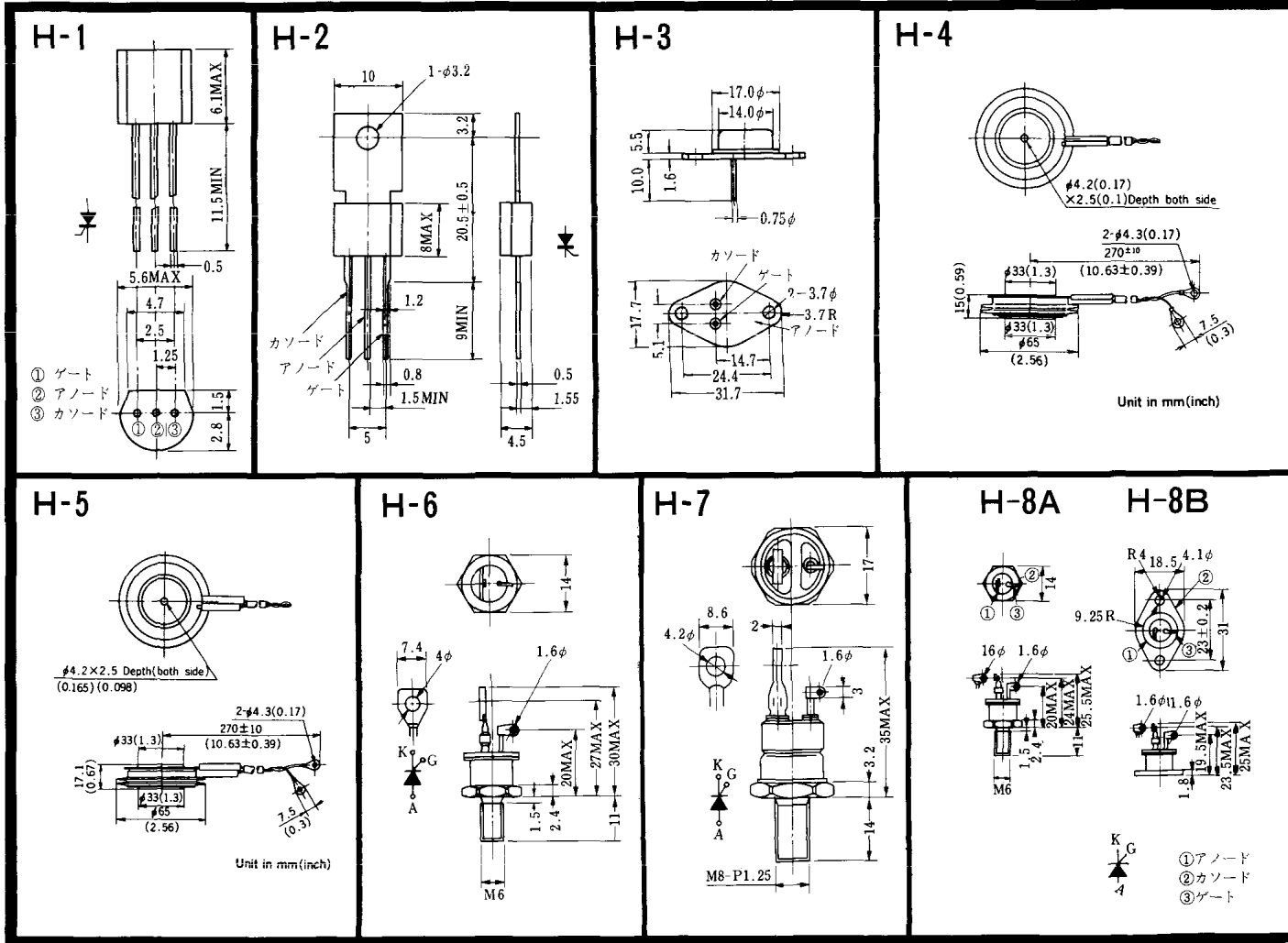


FD-10

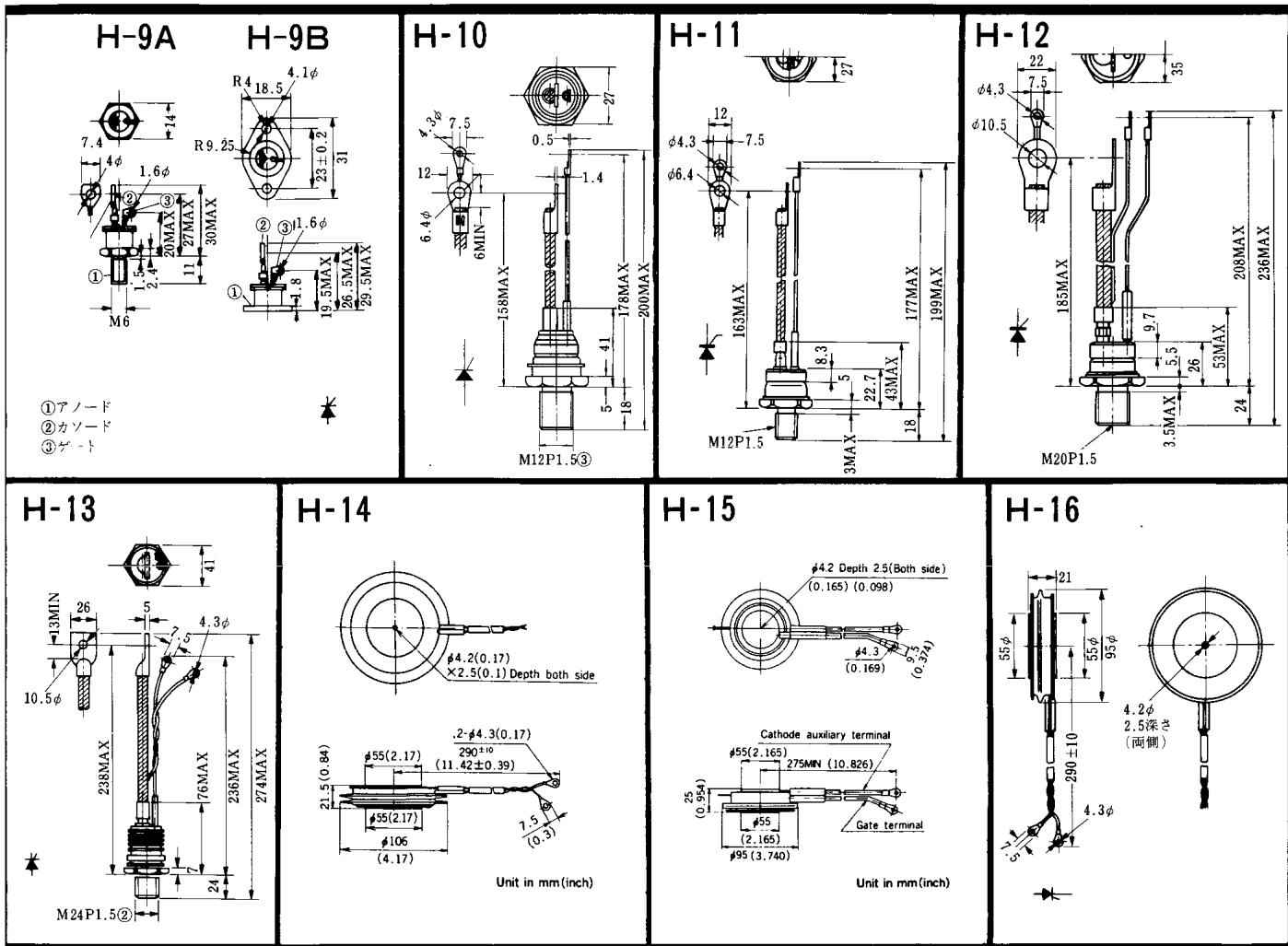


FD-11

FD-12

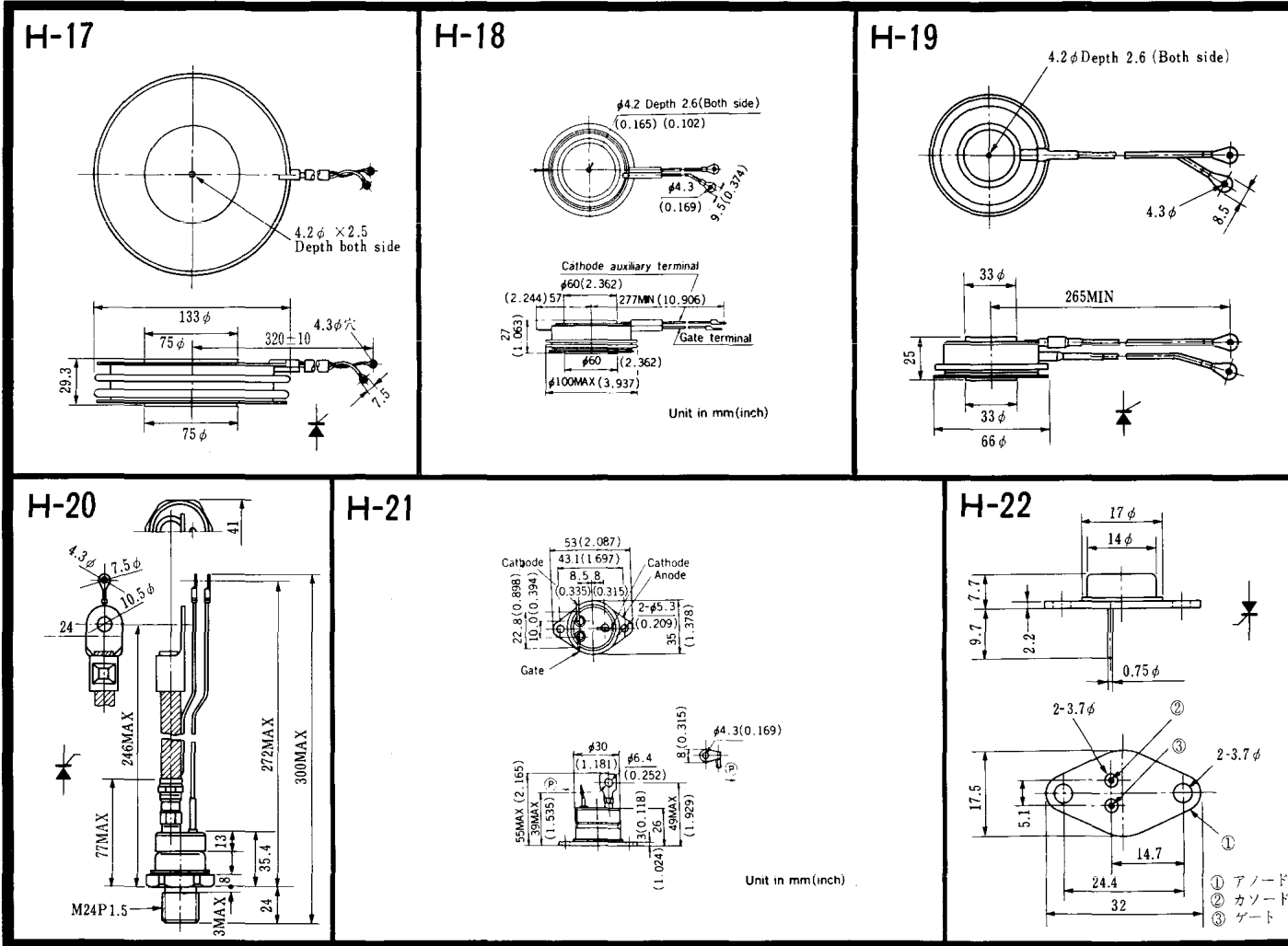


<http://store.iicc.cc/>



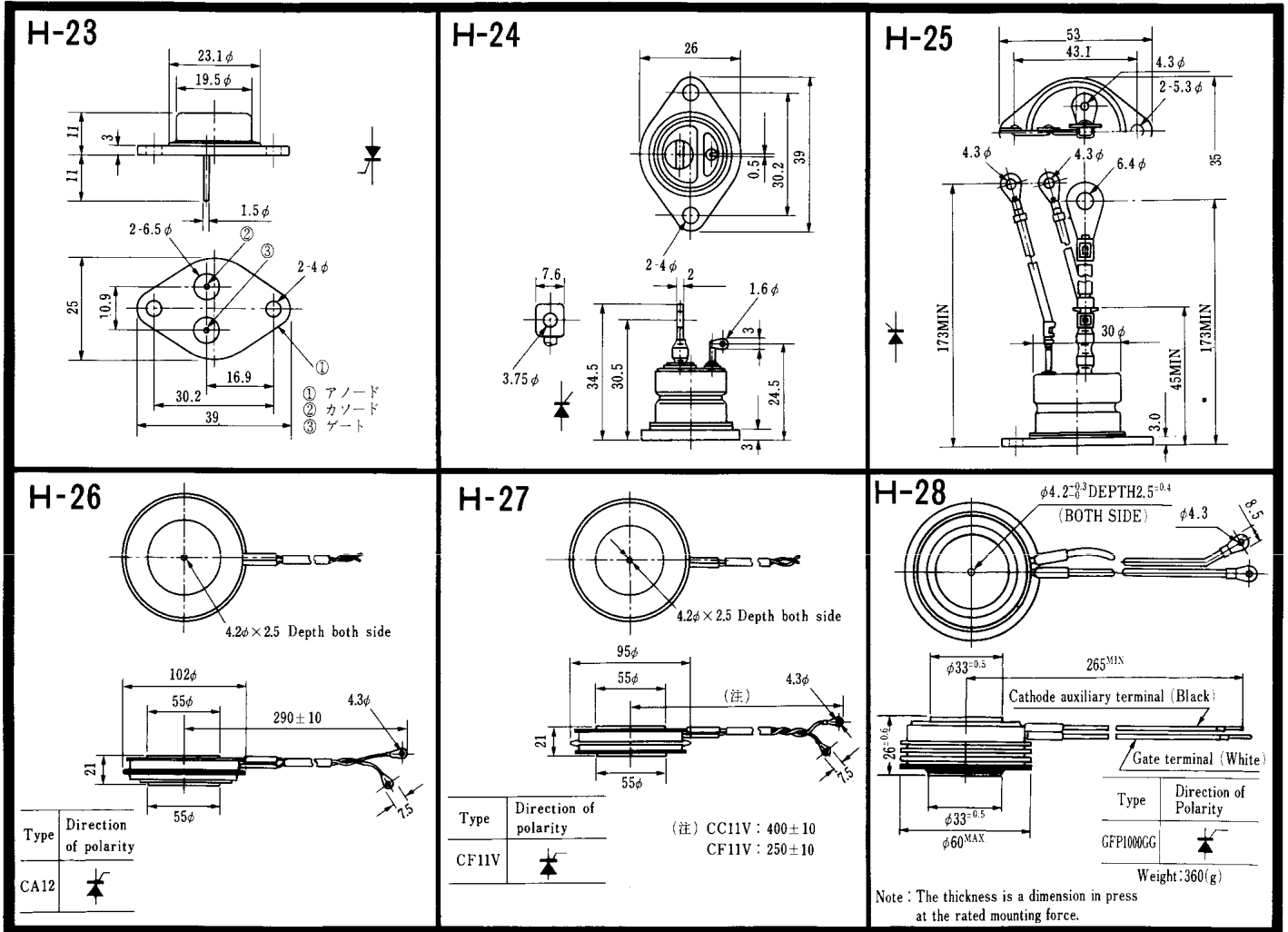
《寸法図単位：mm》

<http://store.iic.cc/>



《寸法図単位：mm》

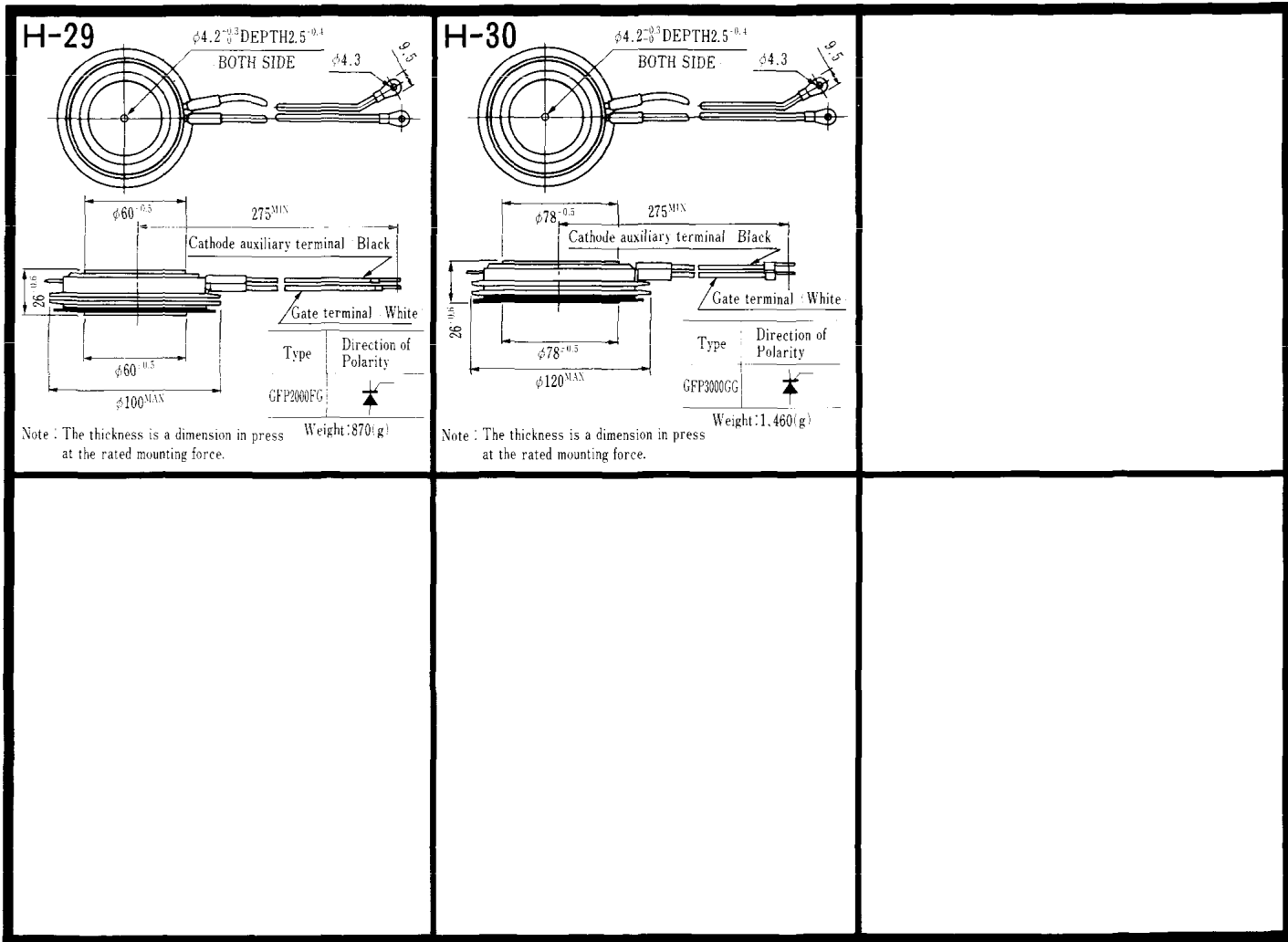
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《寸法図単位：mm》

<http://store.iicc.cc/>

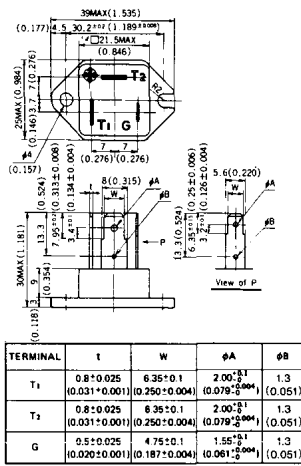




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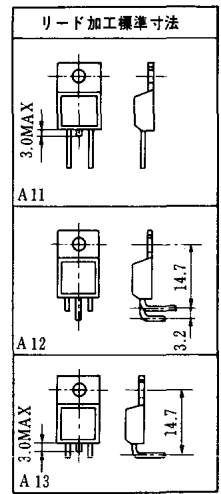
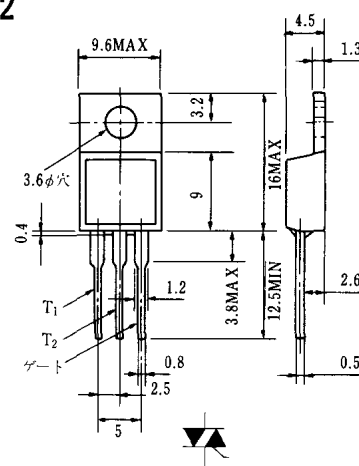
<http://store.iic.cc/>

### HT-1

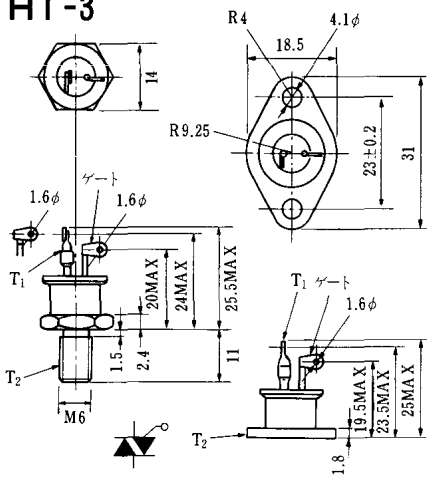


Unit in mm (inch)

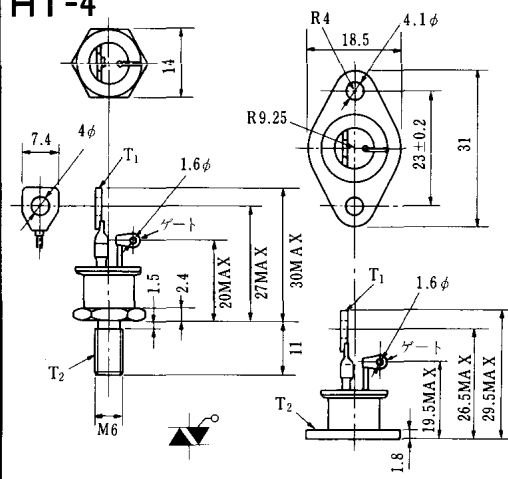
### HT-2



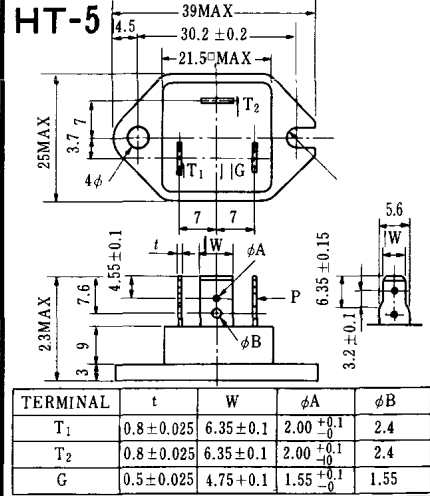
### HT-3



### HT-4

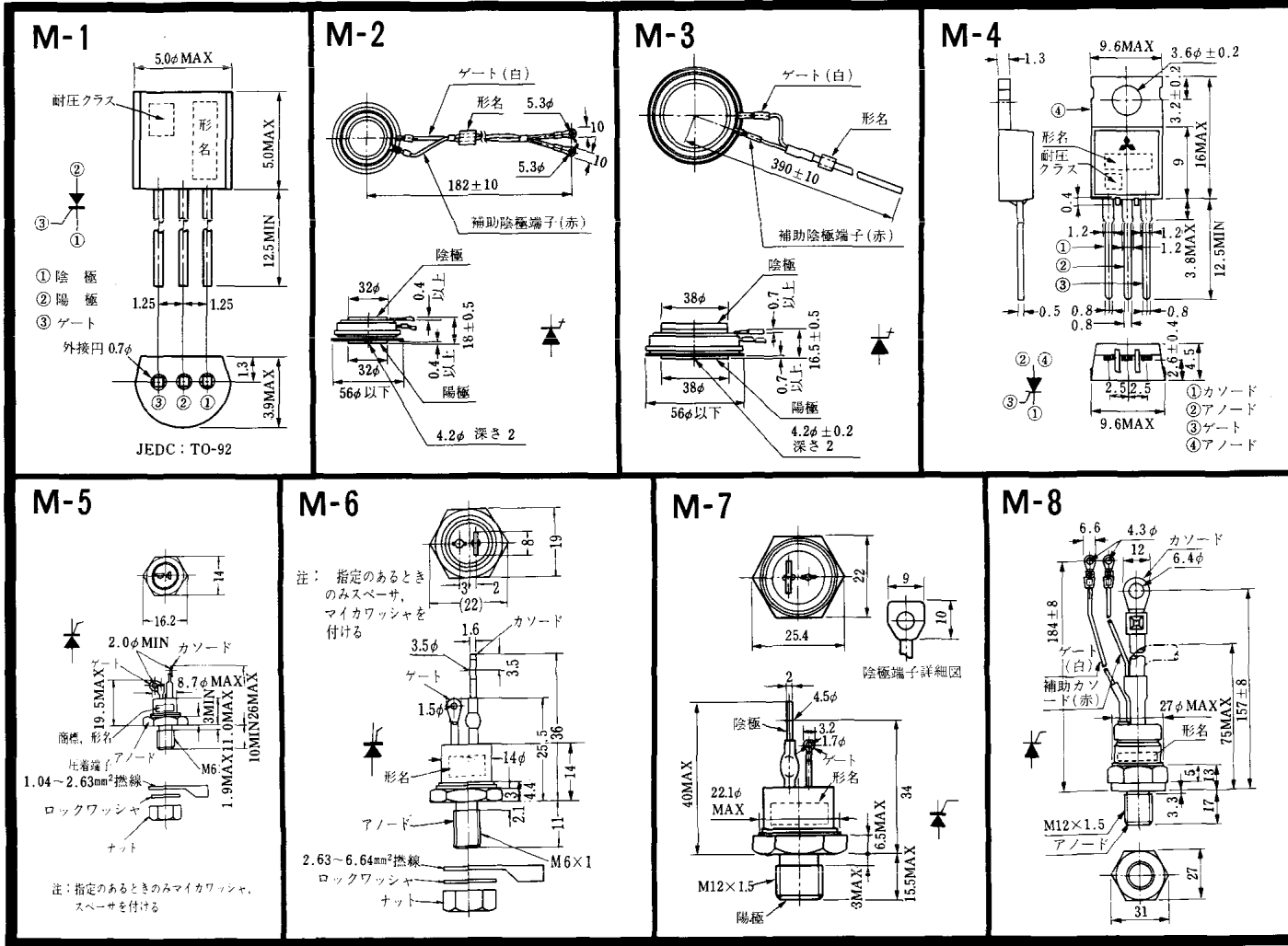


### HT-5



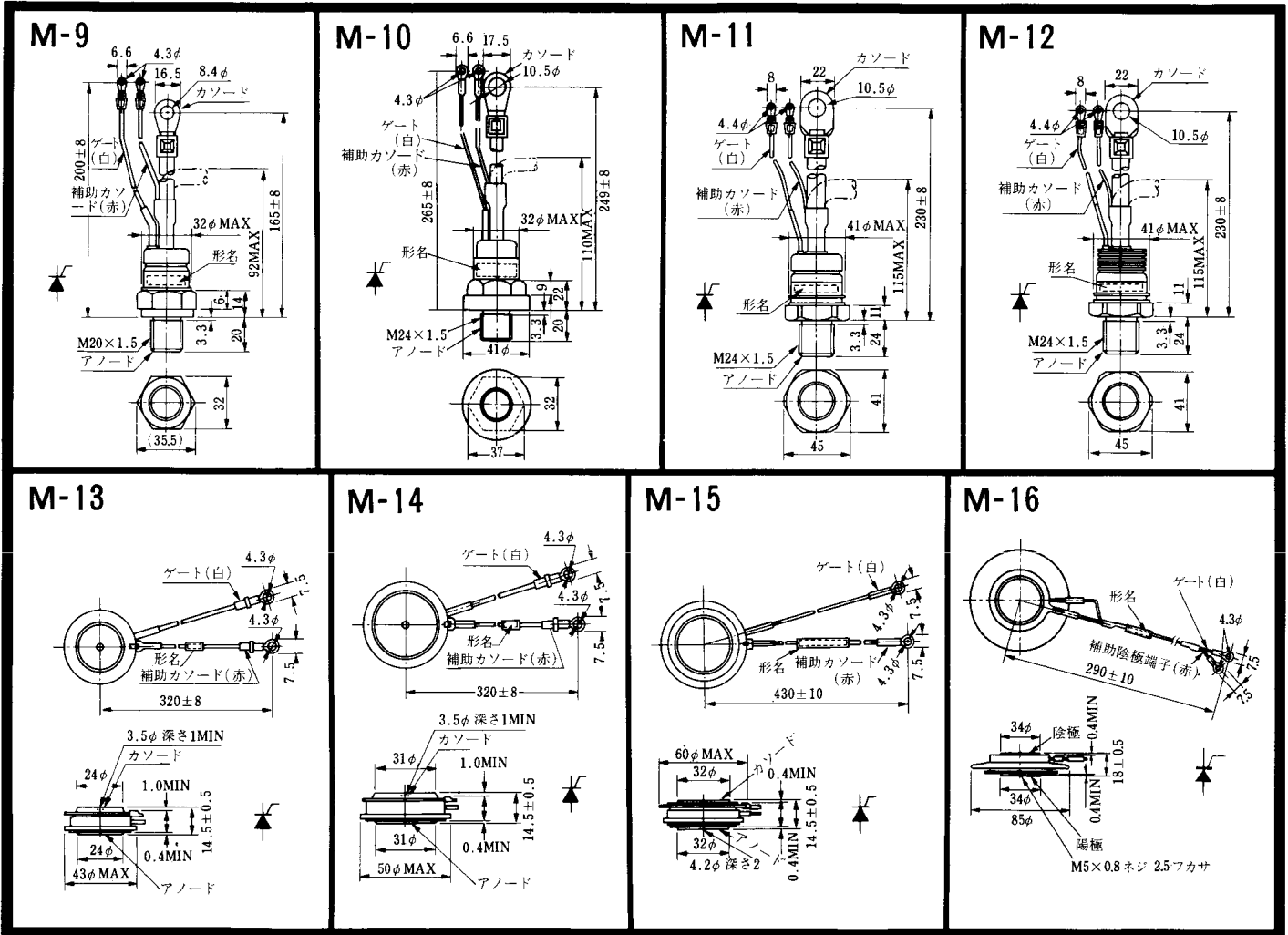
《寸法図単位：mm》

<http://store.iic.cc/>



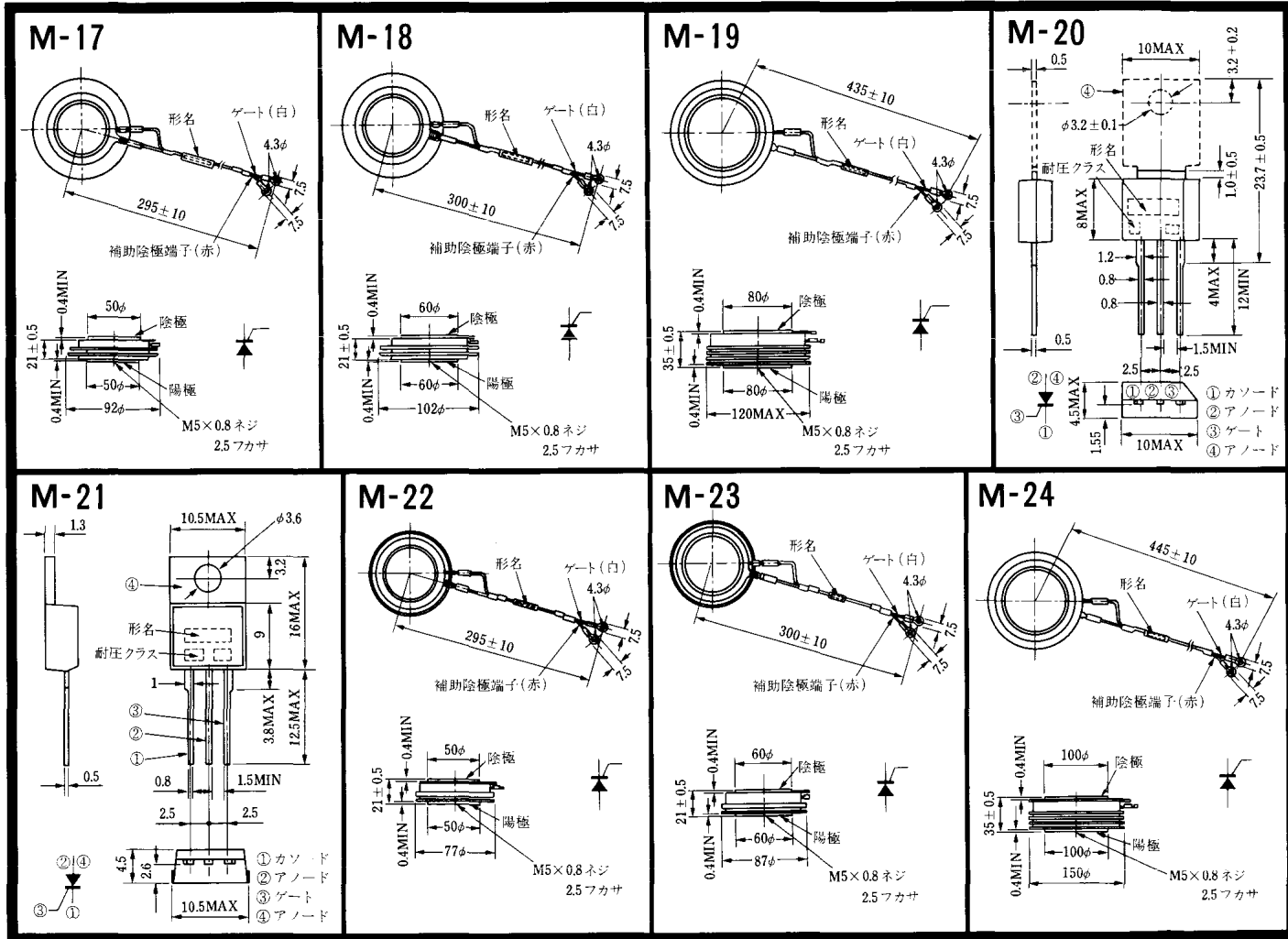
《寸法図単位: mm》

<http://store.iic.cc/>



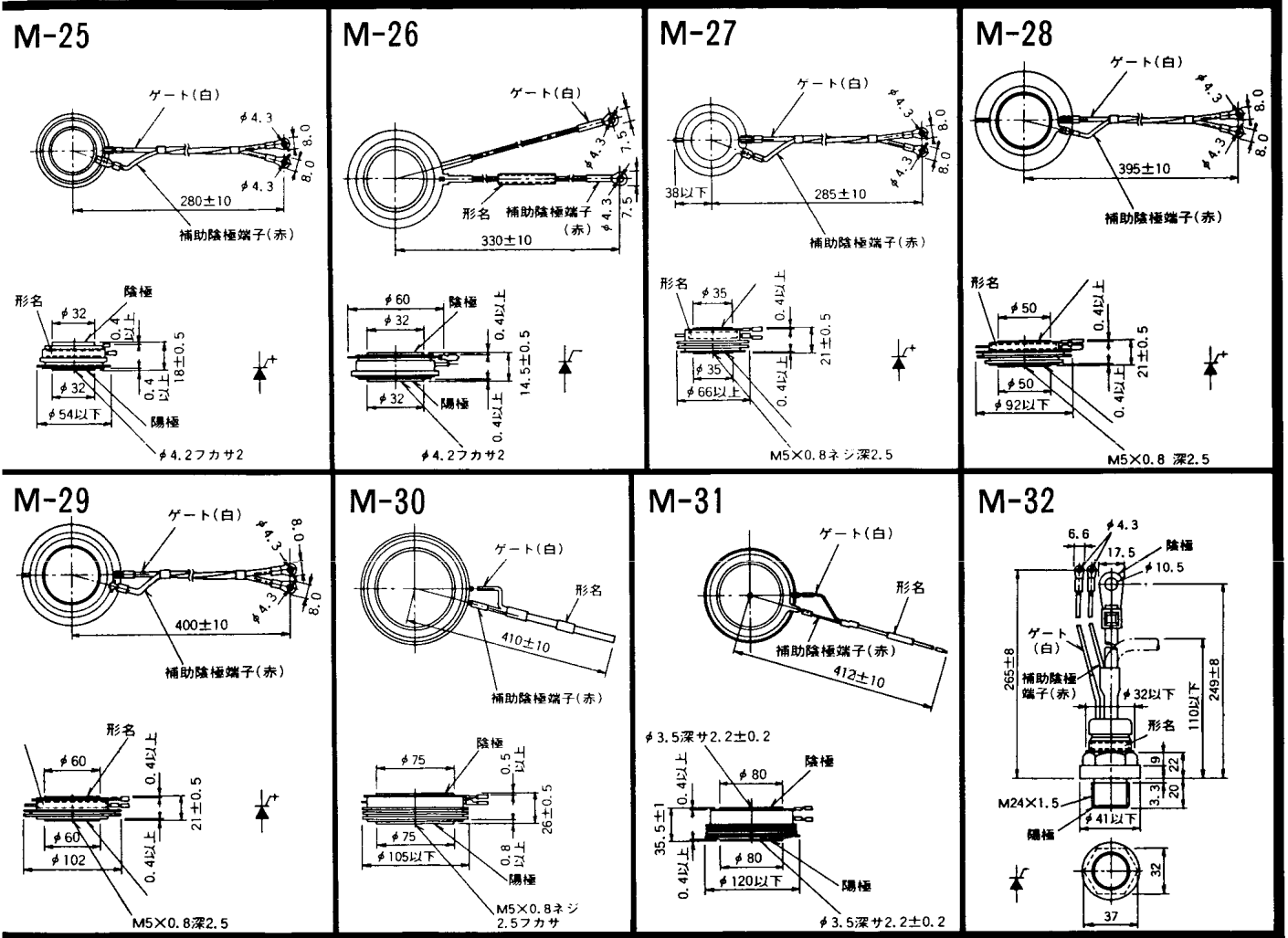
〈寸法図単位：mm〉

<http://store.iiic.cc/>



《寸法図単位：mm》

<http://store.iic.cc/>



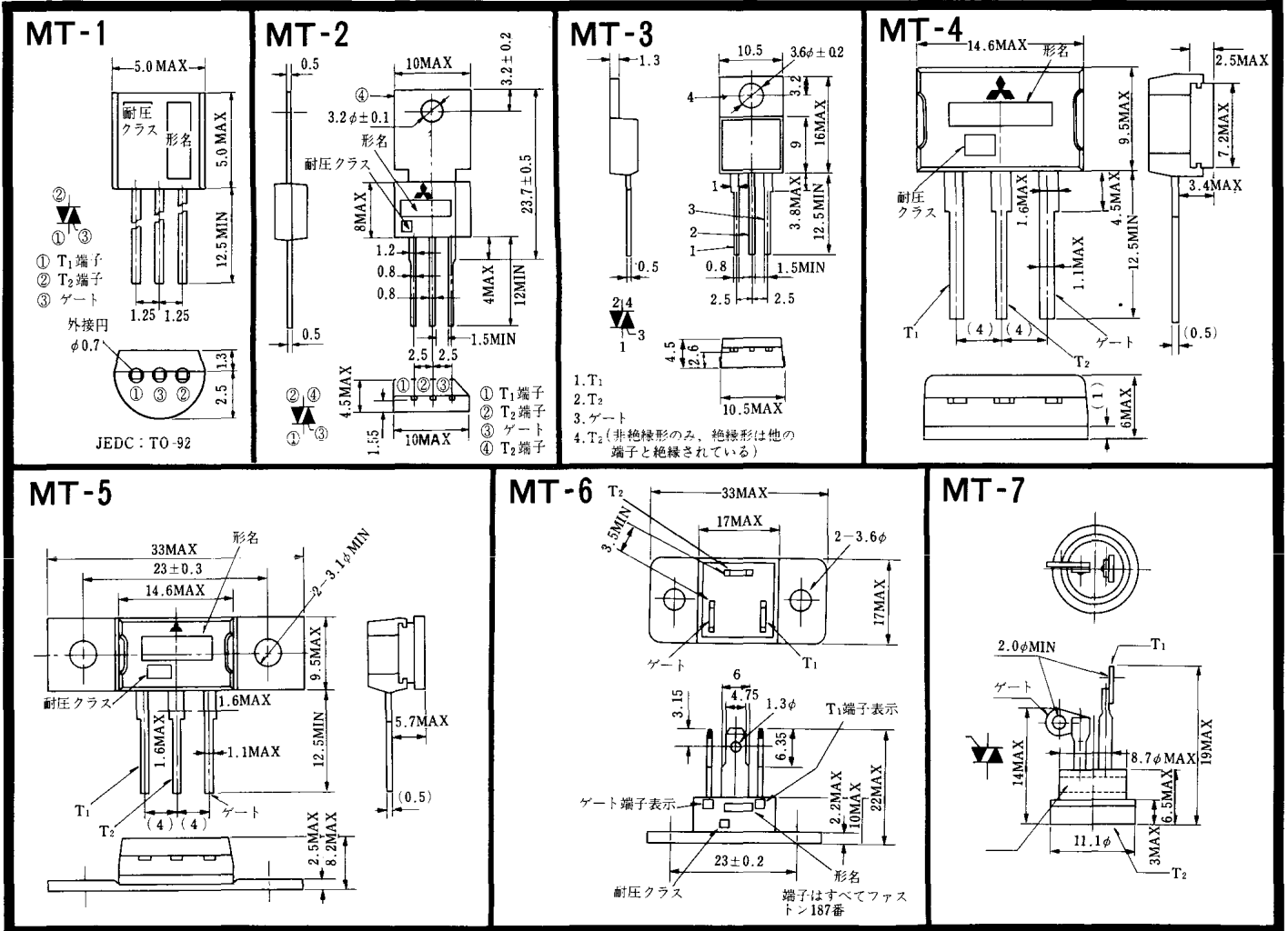
《寸法図単位：mm》

<http://store.iicc.cc/>

<p><b>M-33</b></p>	<p><b>M-34</b></p>		

〈寸法図単位:mm〉

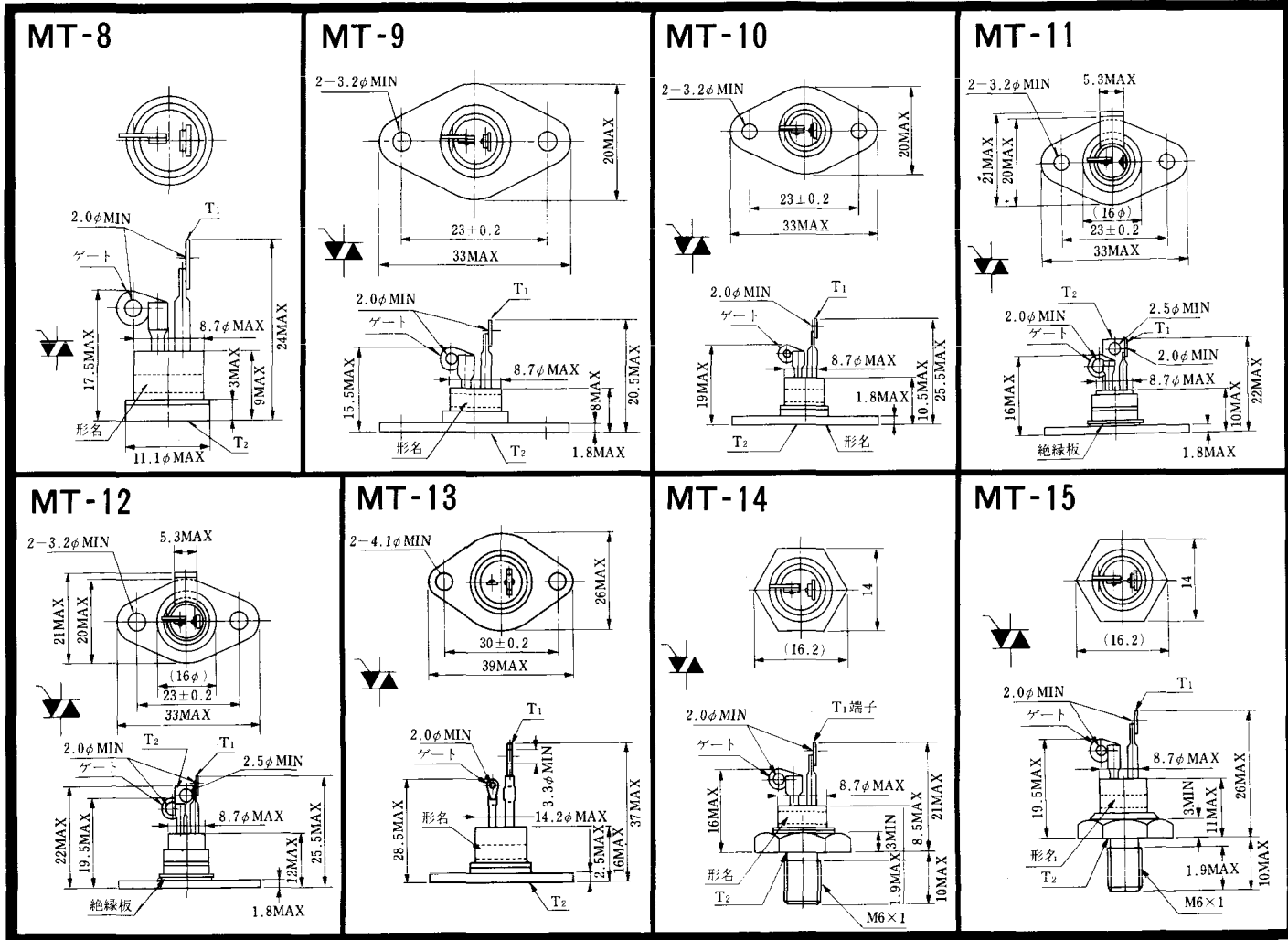
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《寸法図単位：mm》

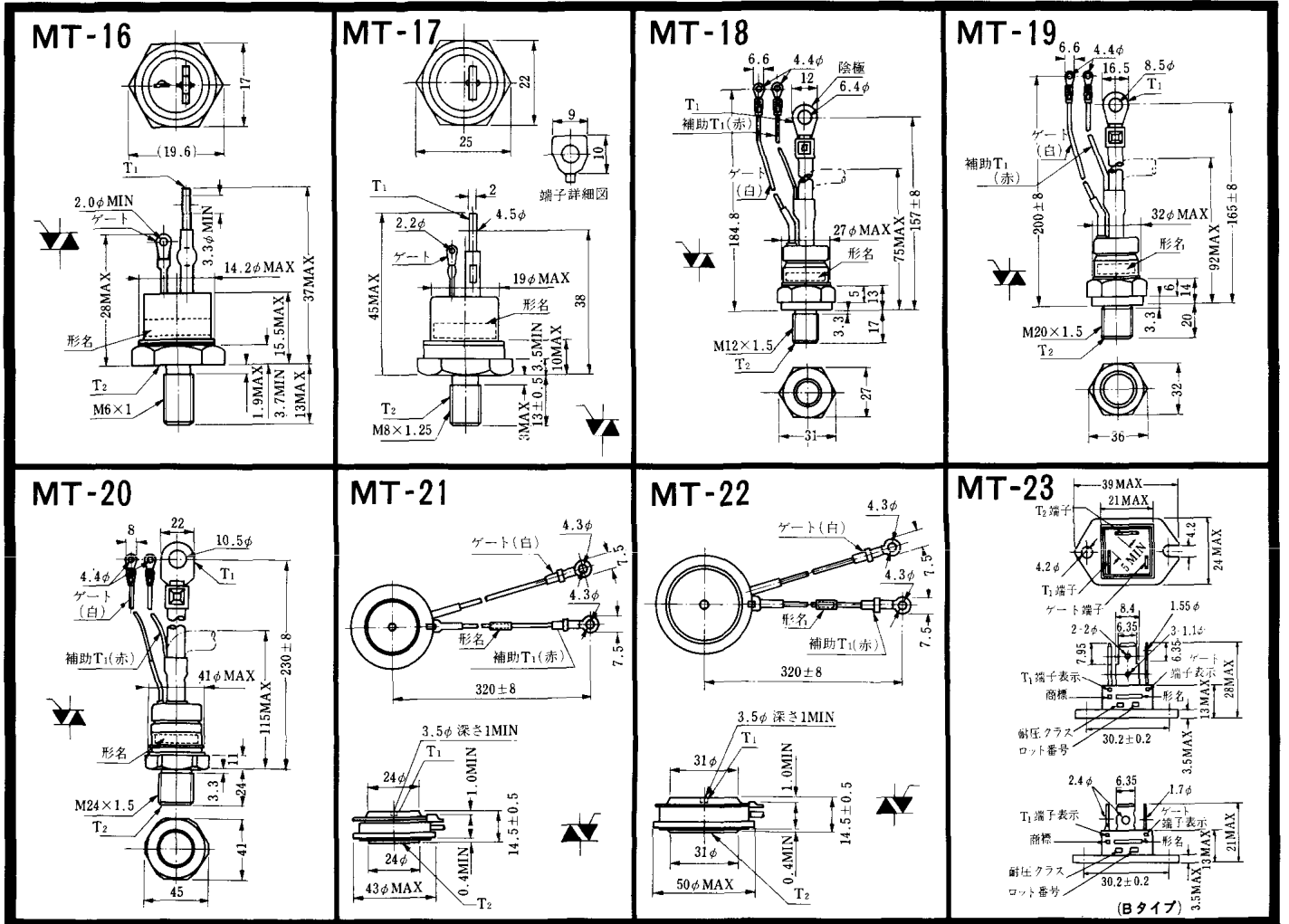
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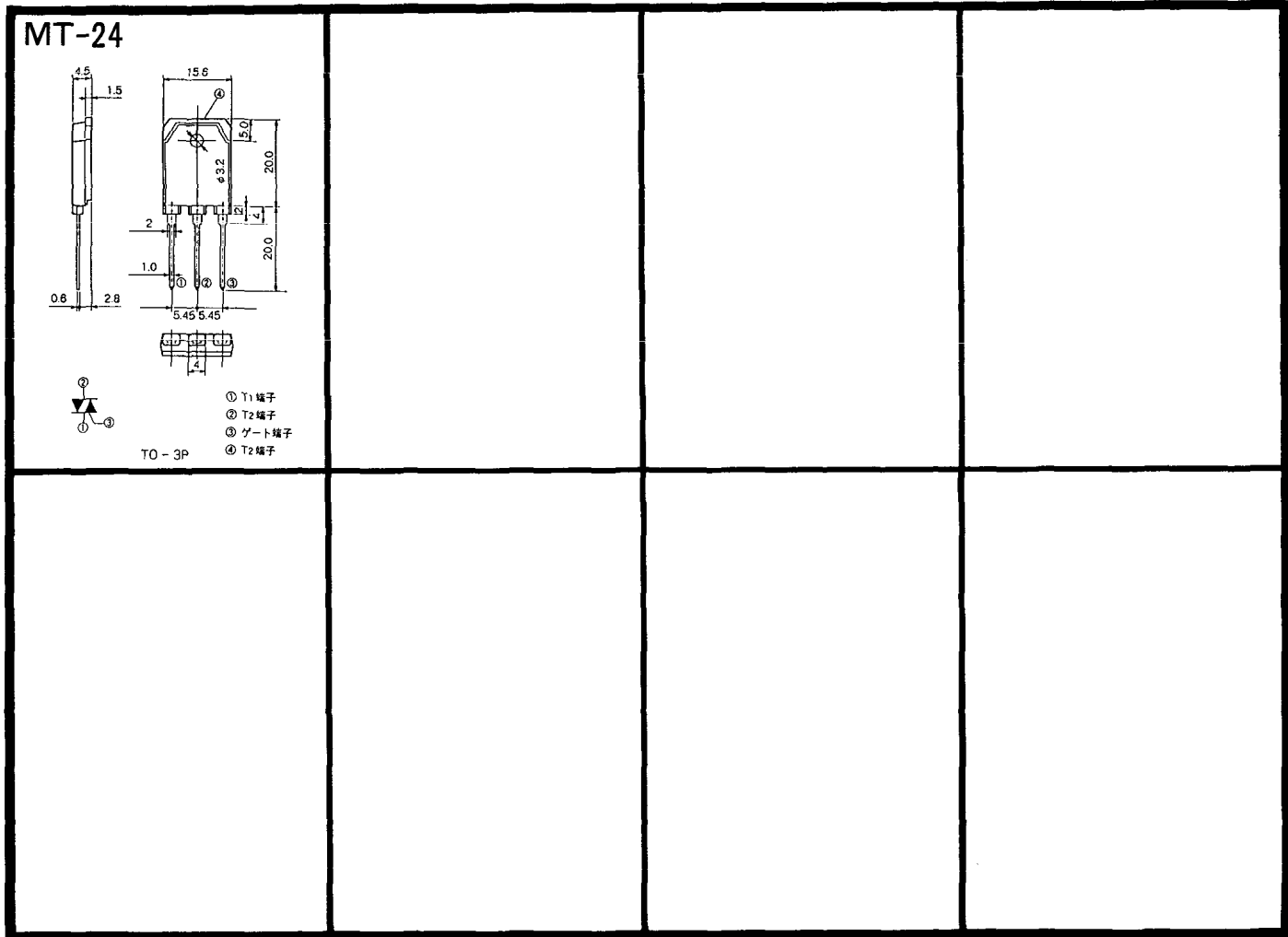
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<http://store.iic.cc/>



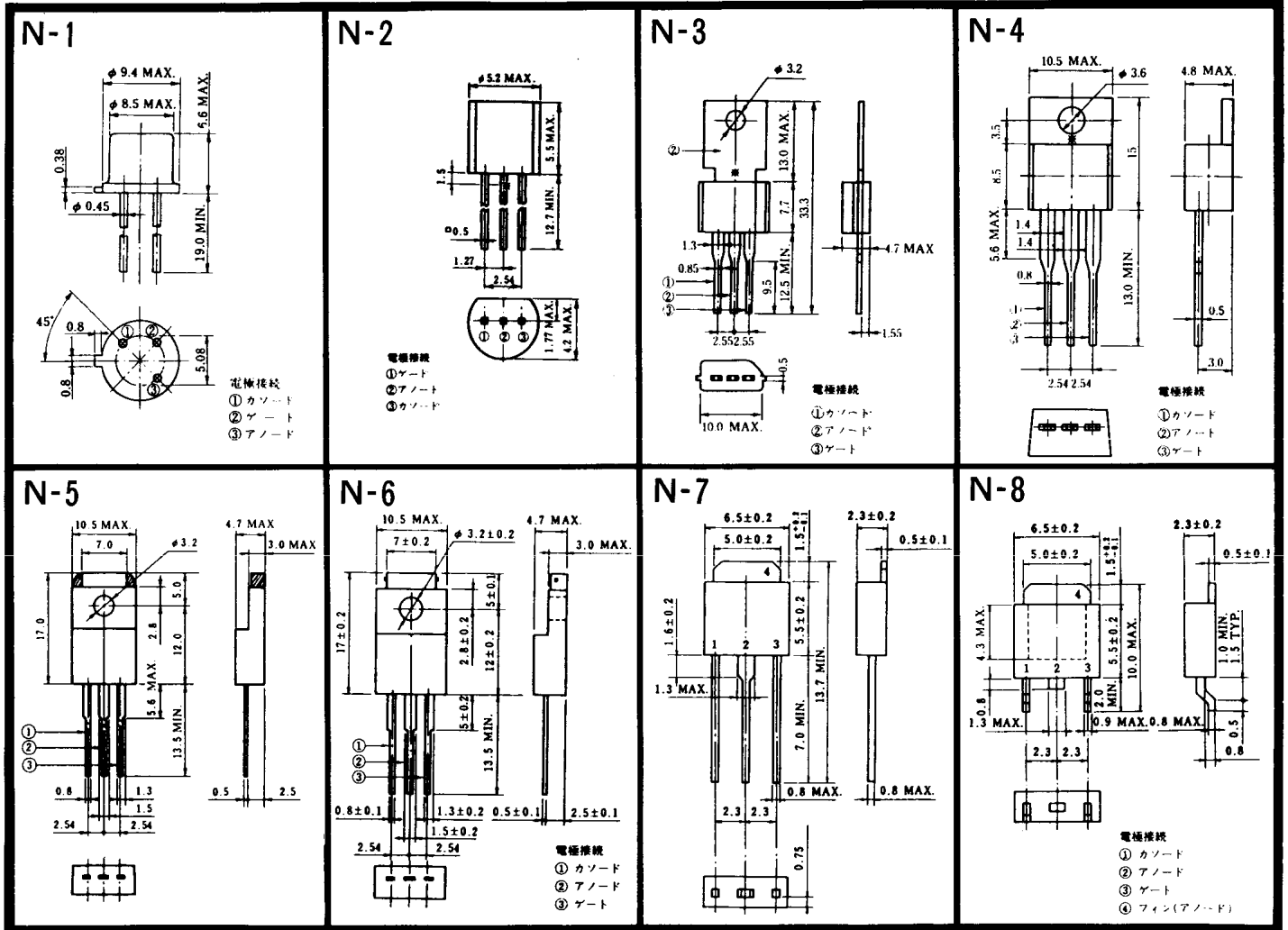
〈寸法図単位：mm〉

<http://store.iicc.cc/>



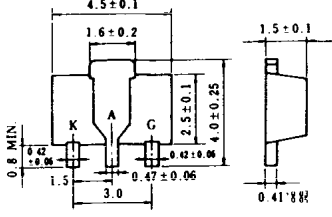
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<http://store.iic.cc/>



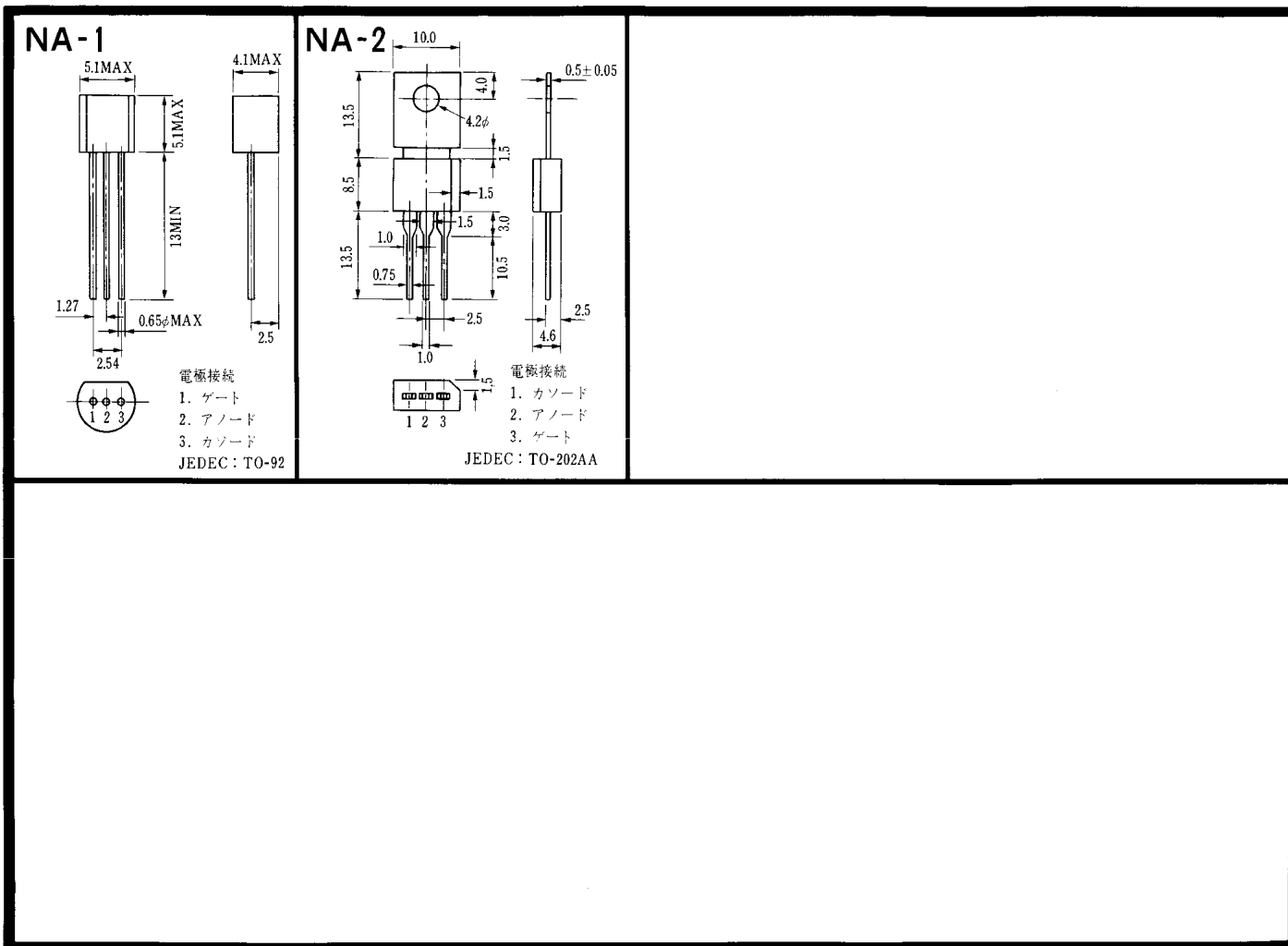
〈寸法図単位:mm〉

<http://store.iicc/>

<p><b>N-9</b></p>  <p>電極標識 K:カソード A:アノード G:ゲート</p>			

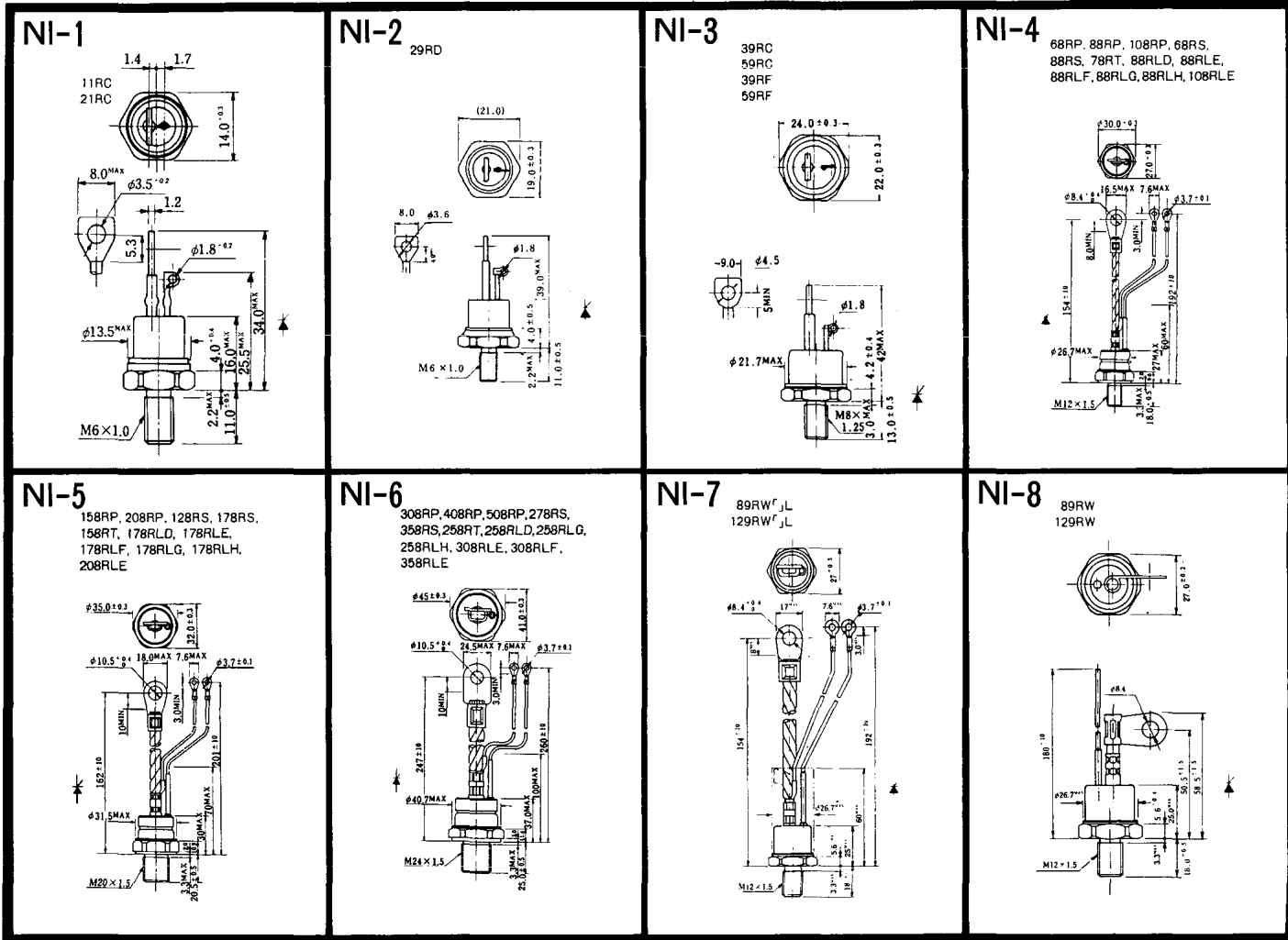
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<http://store.iiic.cc/>



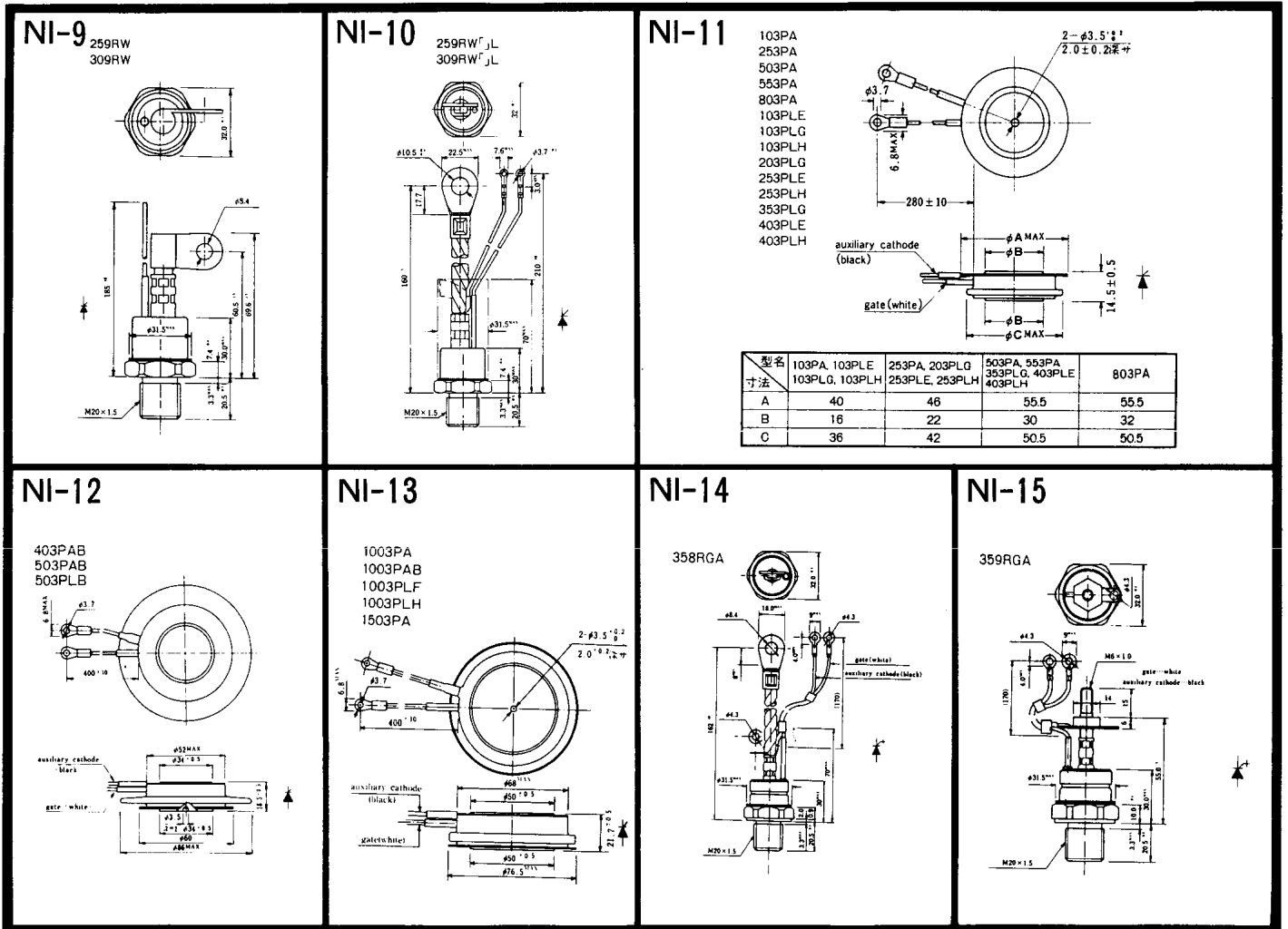
《寸法図単位：mm》

<http://store.iiic.cc/>



《寸法図単位:mm》

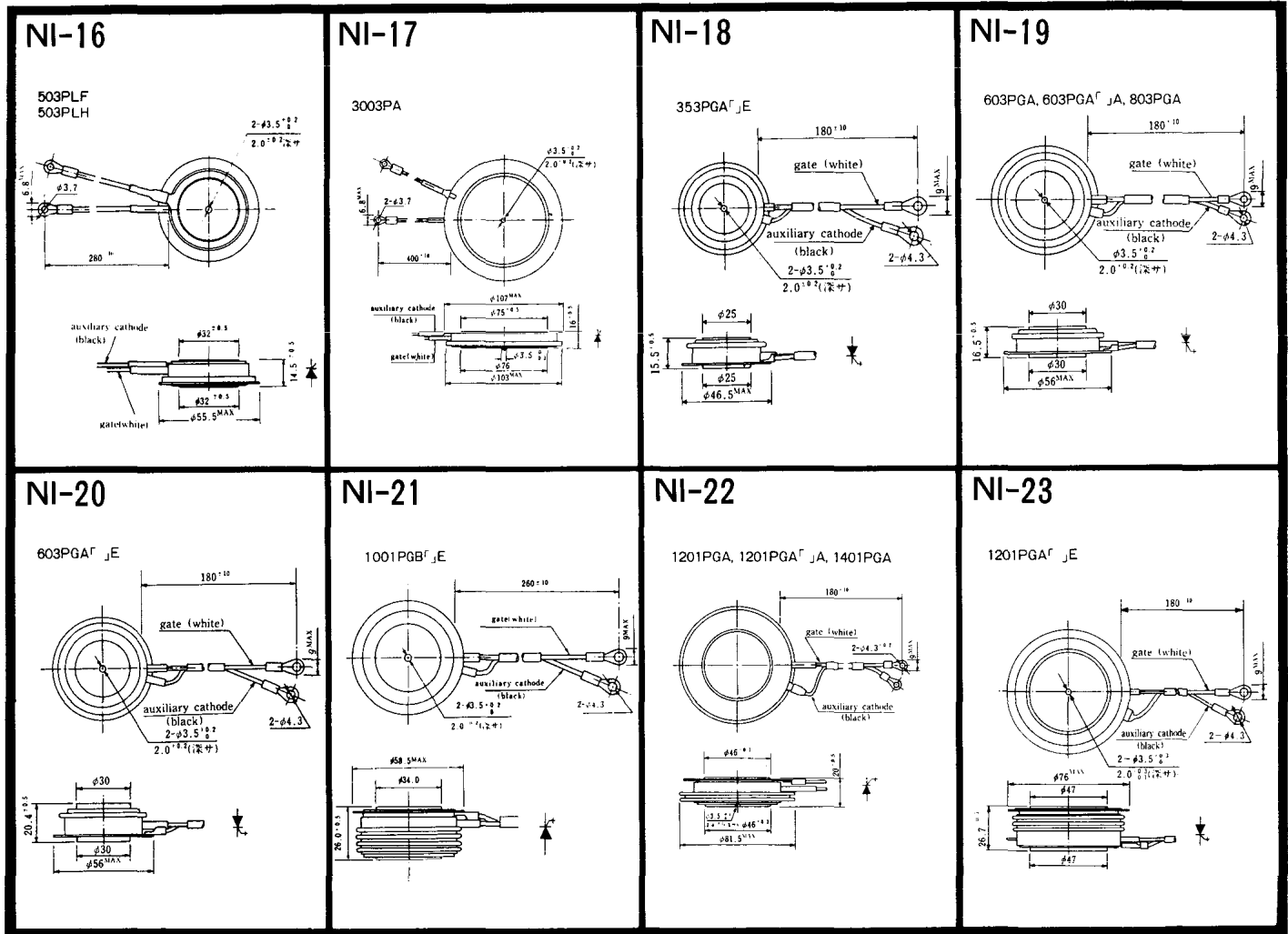
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《寸法図単位:mm》

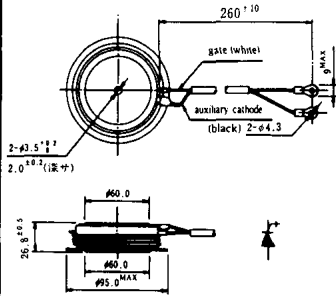
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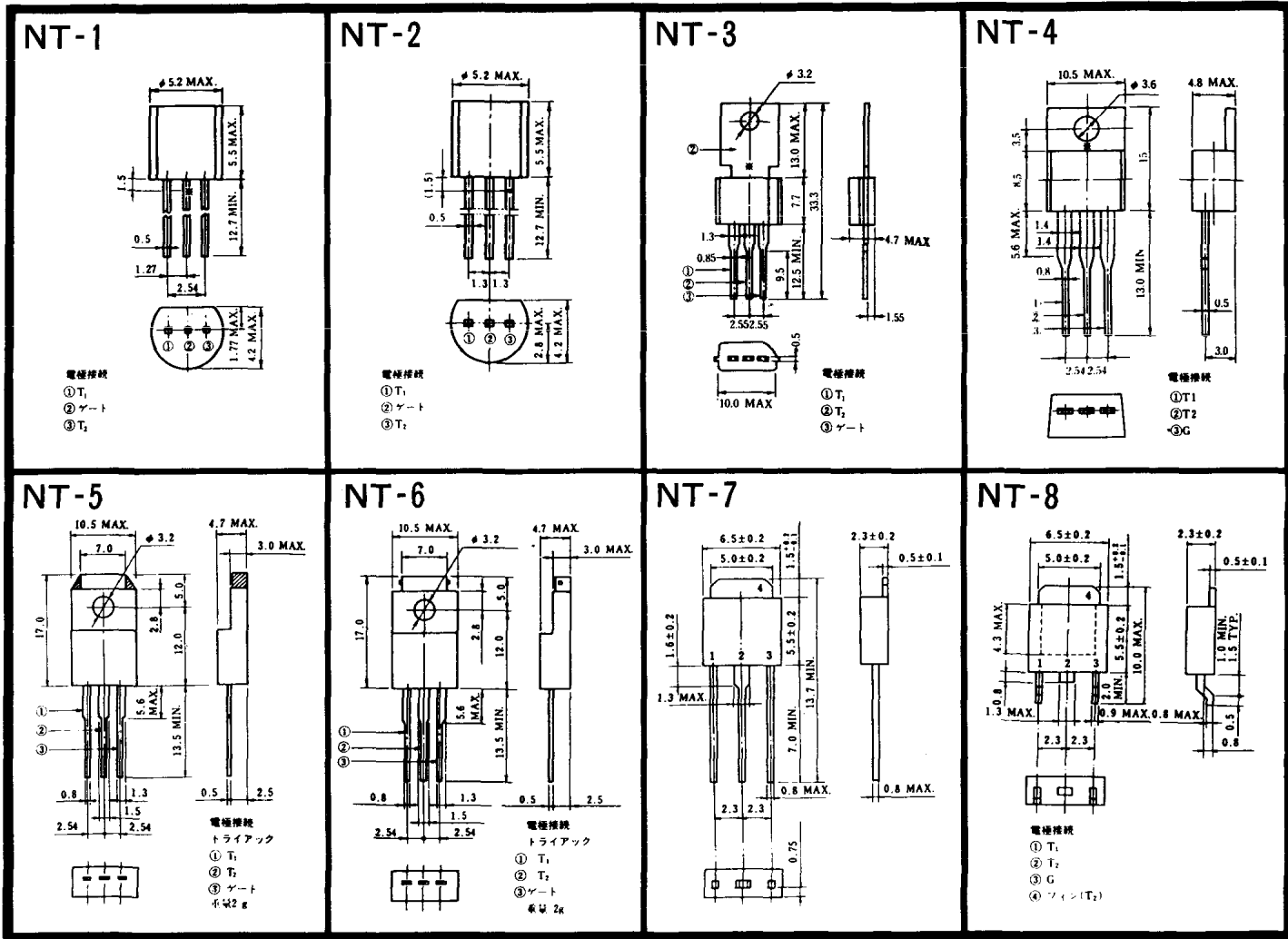
《寸法图单位:mm》

<http://store.iic.cc/>

NI-24	NI-25	NI-26	
<p>2001PGBF JE</p>  <p>Technical drawing of a vacuum tube (NI-24) showing top and side views with dimensions and labels. The top view shows a circular base with a diameter of <math>260^{+0.10}</math> mm. It features a "gate (white)" and an "auxiliary cathode (black) 2-<math>\phi 4.3</math>". There are two pins labeled "2-<math>\phi 3.5^{+0.07}</math>" and "2.0<math>^{+0.07}</math> (深中)". The side view shows a length of <math>26.0^{+0.5}</math> mm, a diameter of <math>\phi 60.0</math> mm, and a maximum diameter of <math>\phi 95.0</math> MAX. A small arrow symbol is also present.</p>			

<http://store.iicc/>

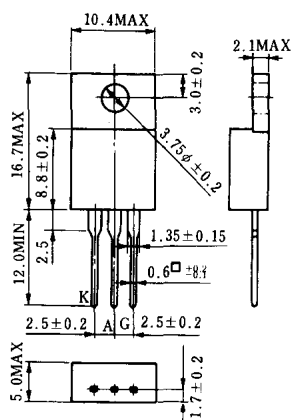
《寸法图单位:mm》



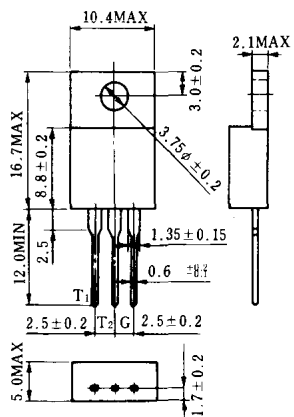
<http://store.iicc.cc/>

〈寸法図単位:mm〉

### S-1



### ST-1



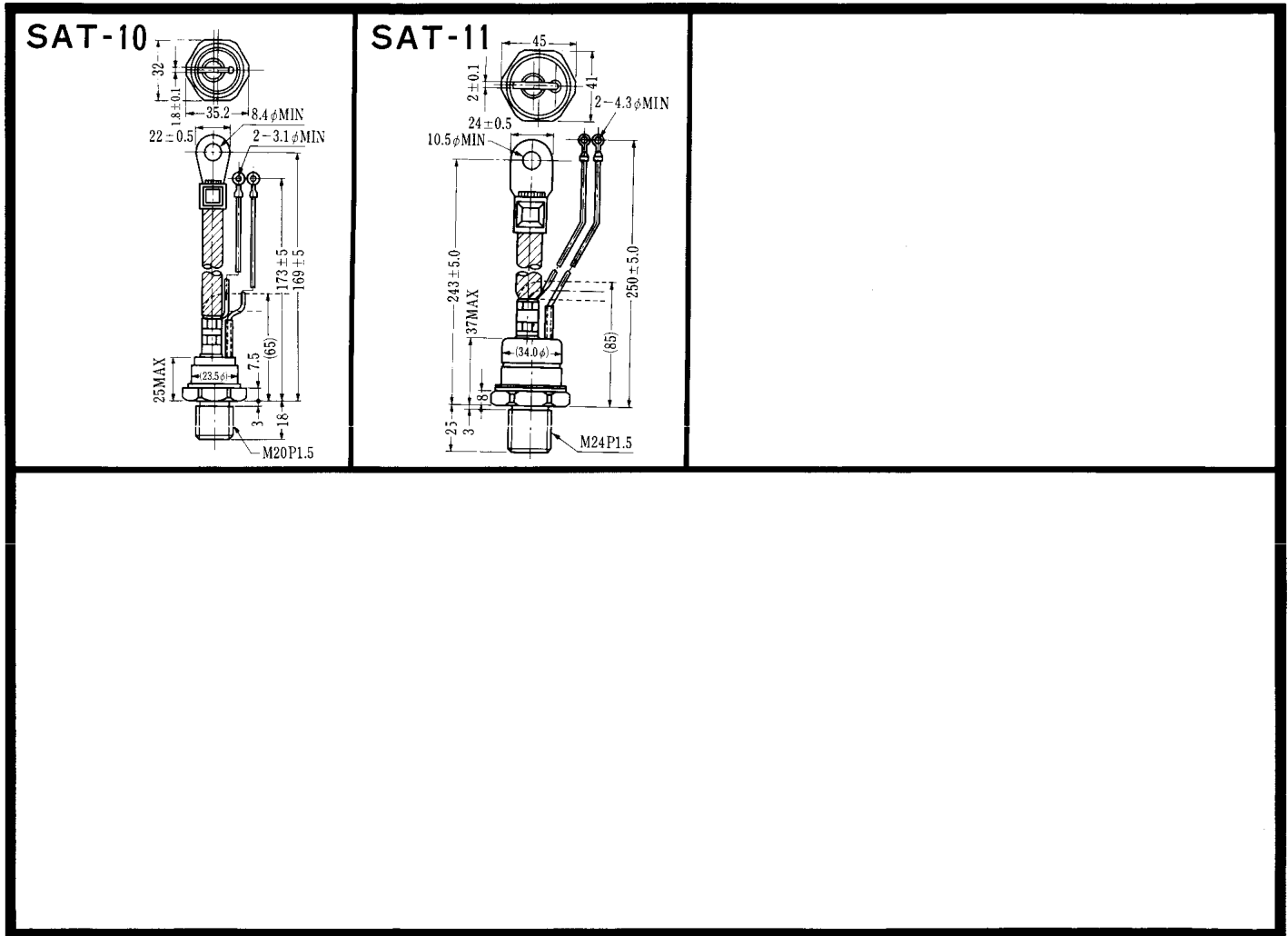
《寸法図単位：mm》

<http://store.iic.cc/>





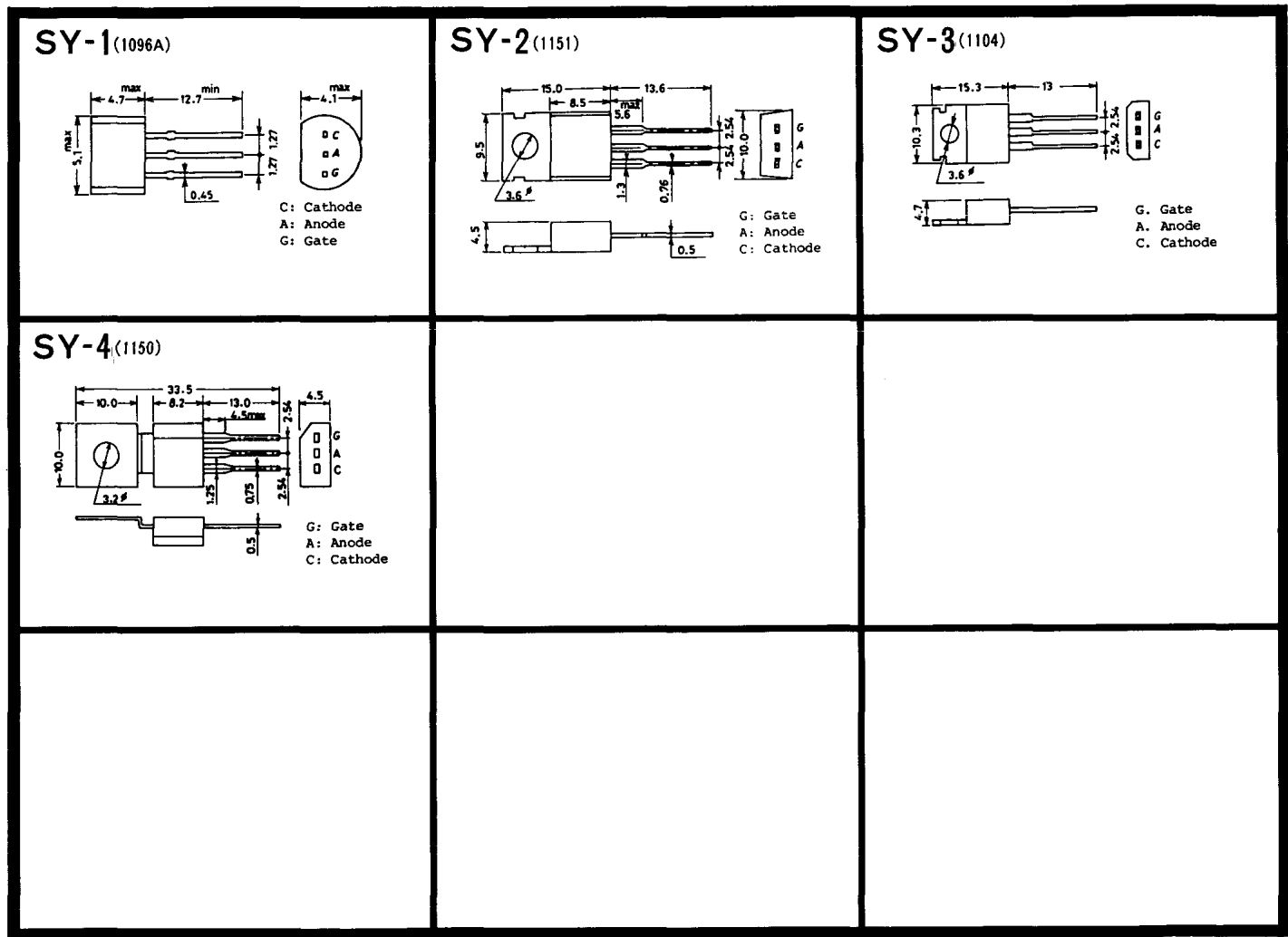


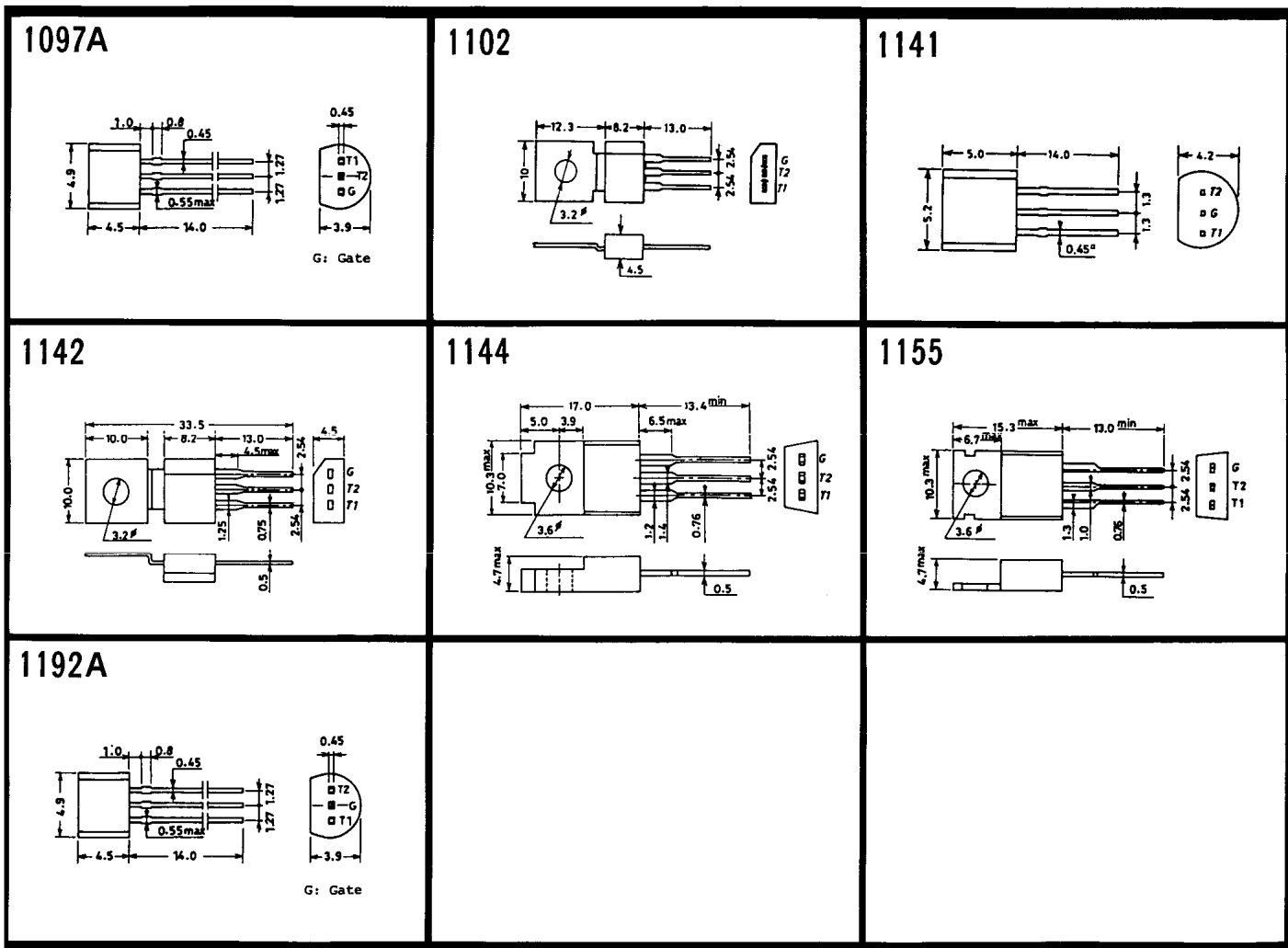


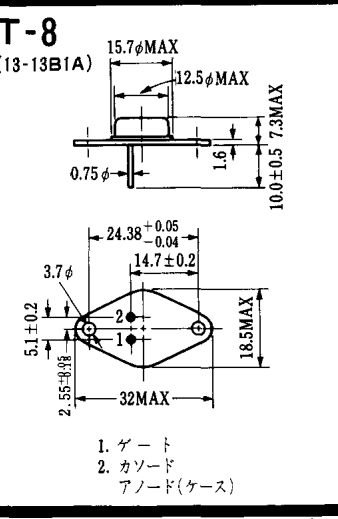
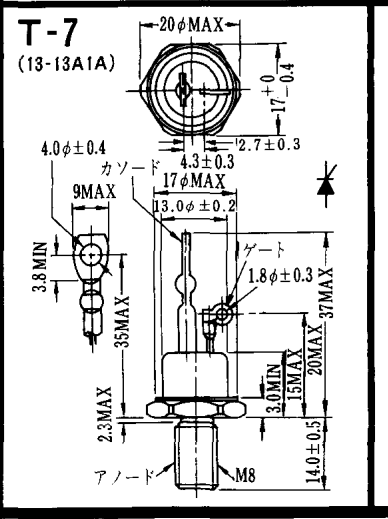
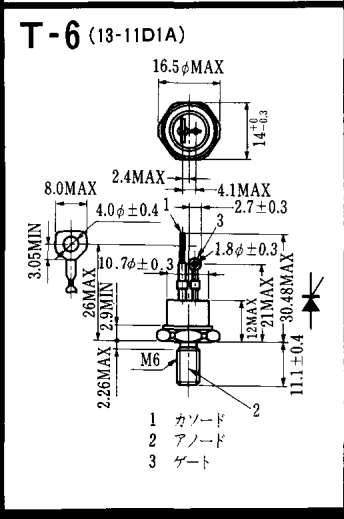
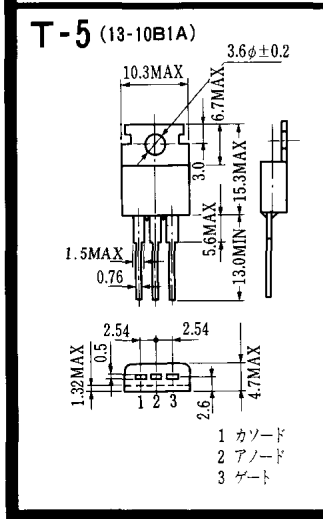
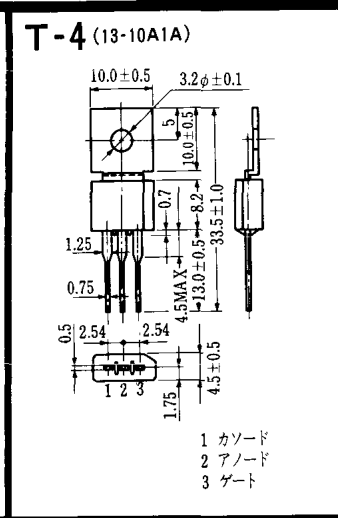
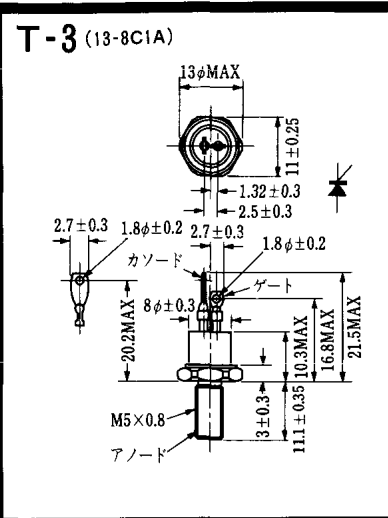
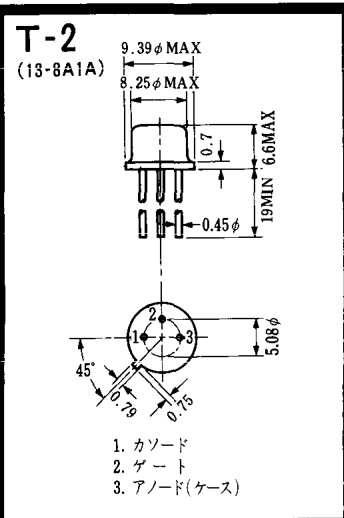
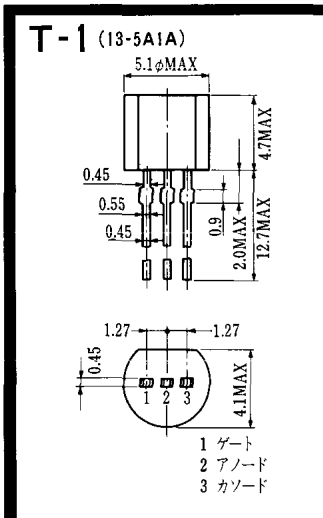
<http://store.iic.cc/>

《寸法図單位：mm》



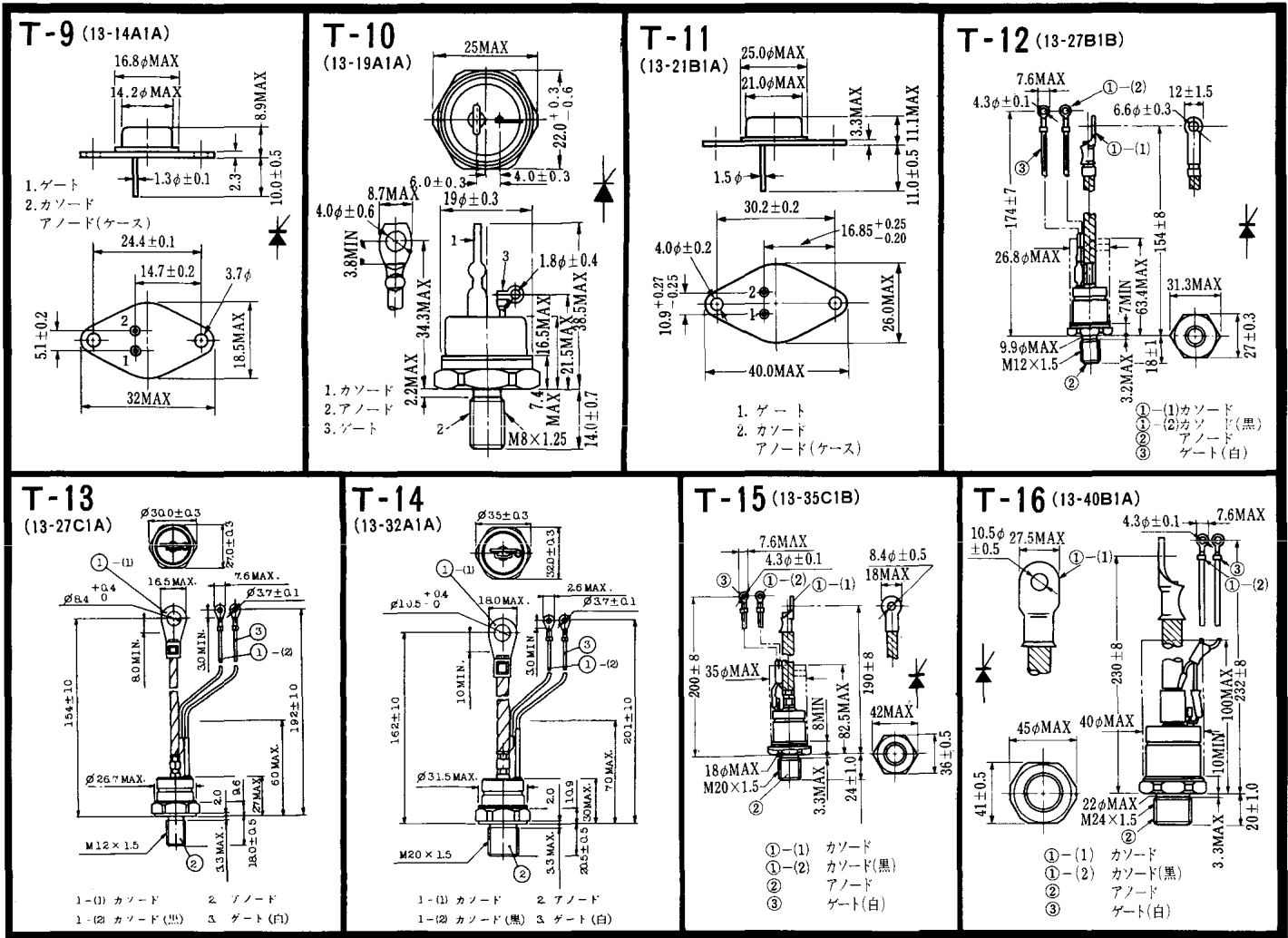






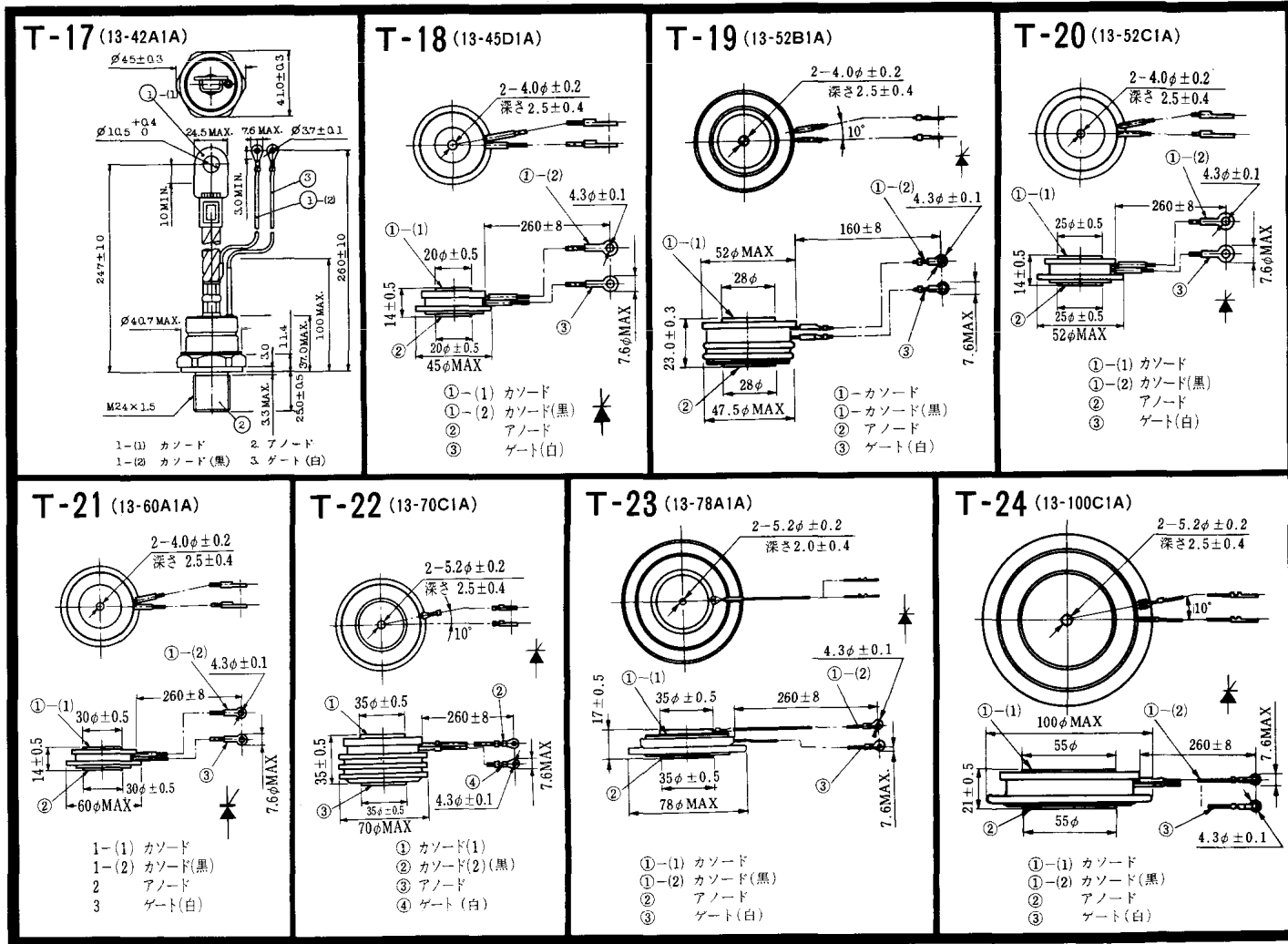
<http://store.iic.cc/>

◀寸法図単位: mm



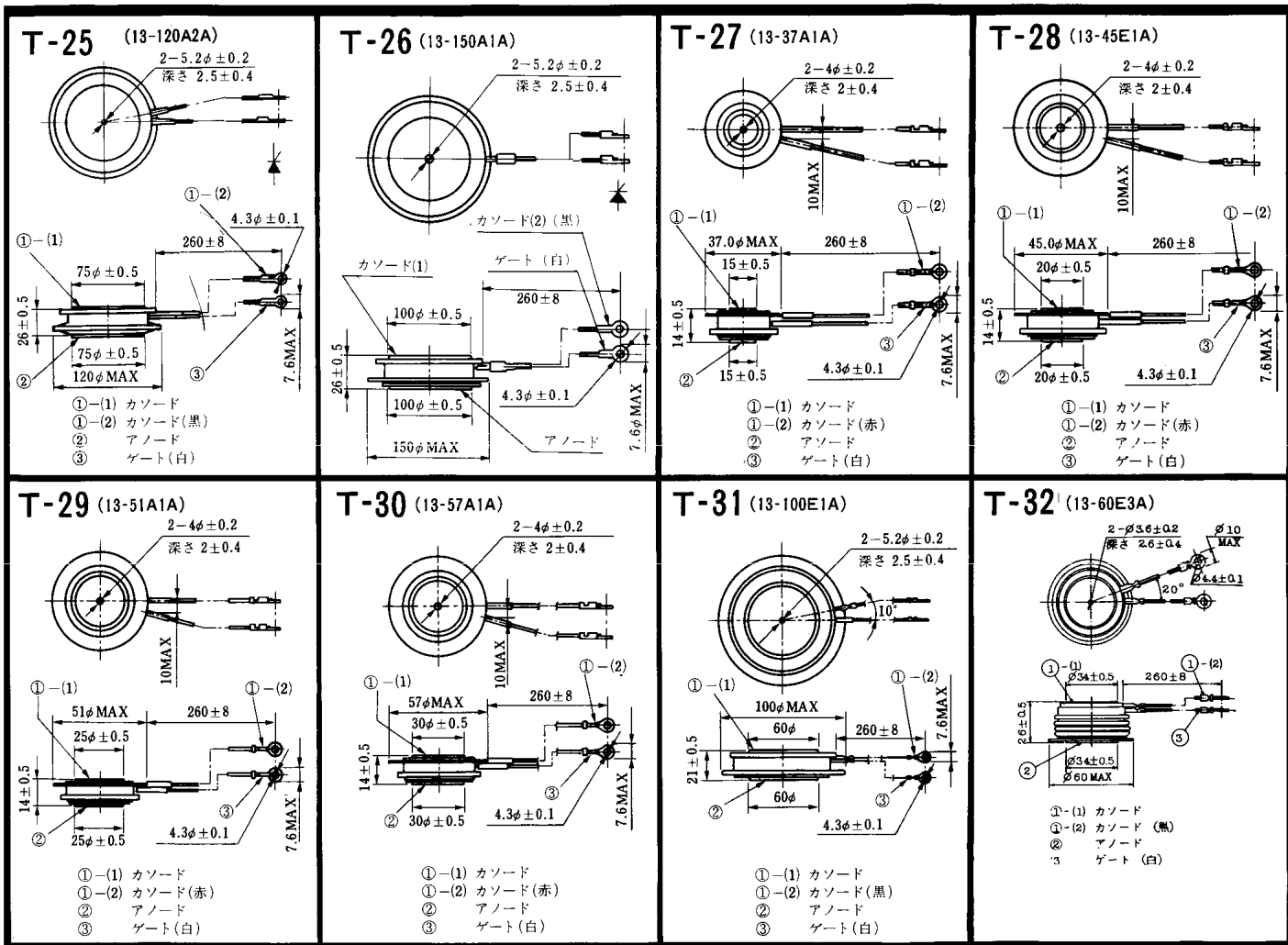
《寸法図単位：mm》

<http://store.iic.cc/>



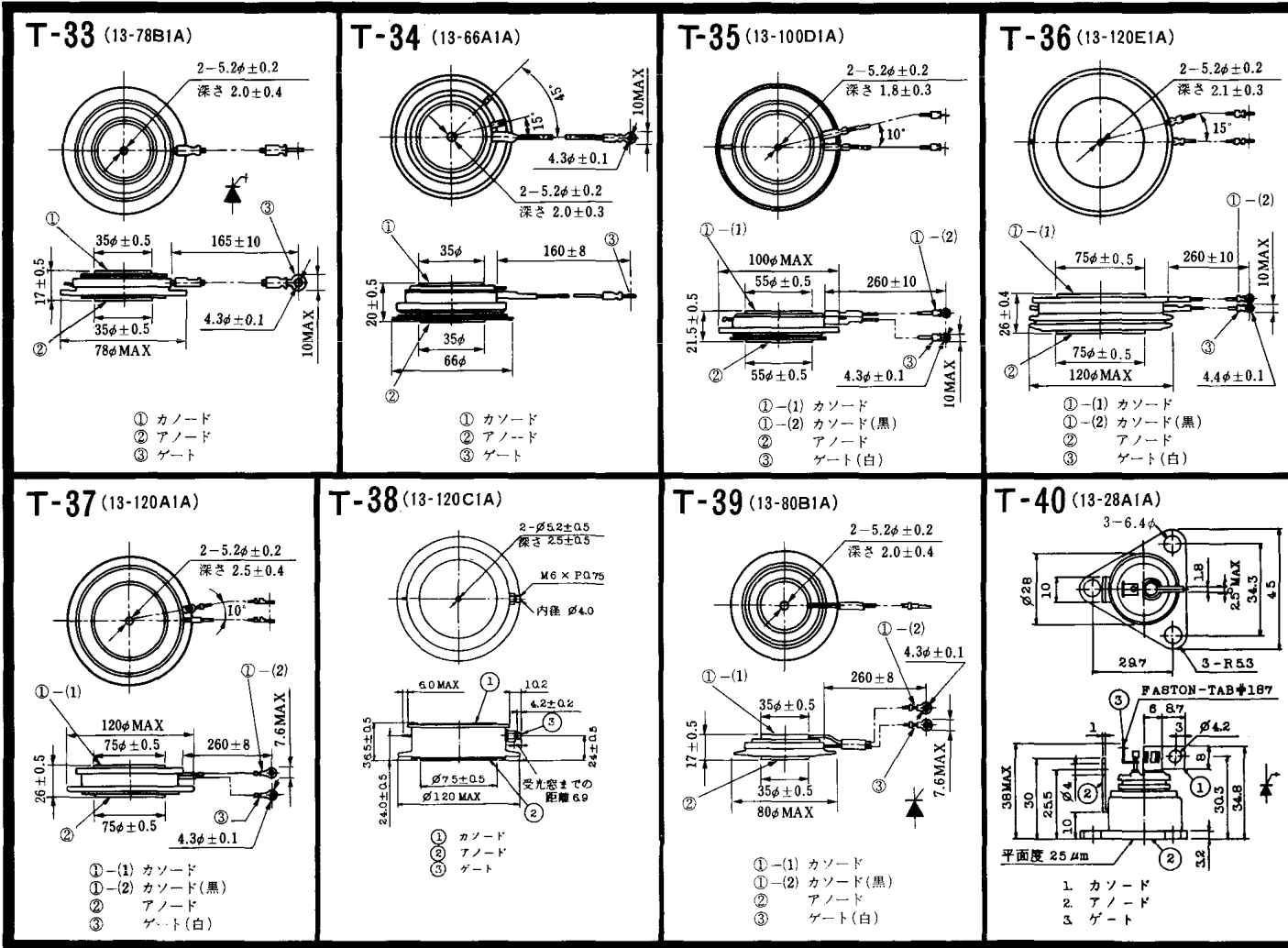
〈寸法図単位：mm〉

<http://store.iicc/>



《寸法図単位：mm》

<http://store.iicc.cc/>

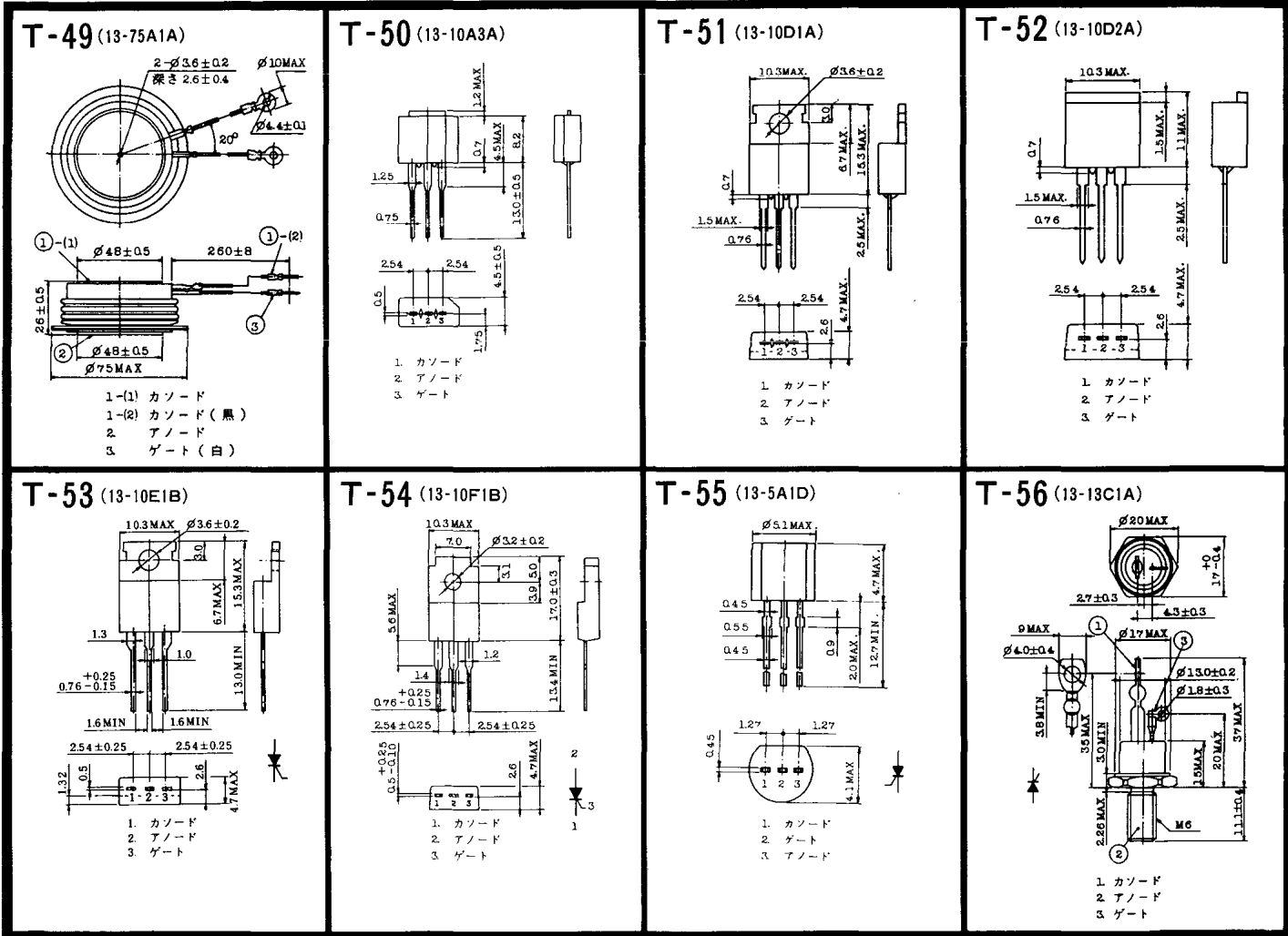


《寸法図単位：mm

<http://store.iicc.cc/>

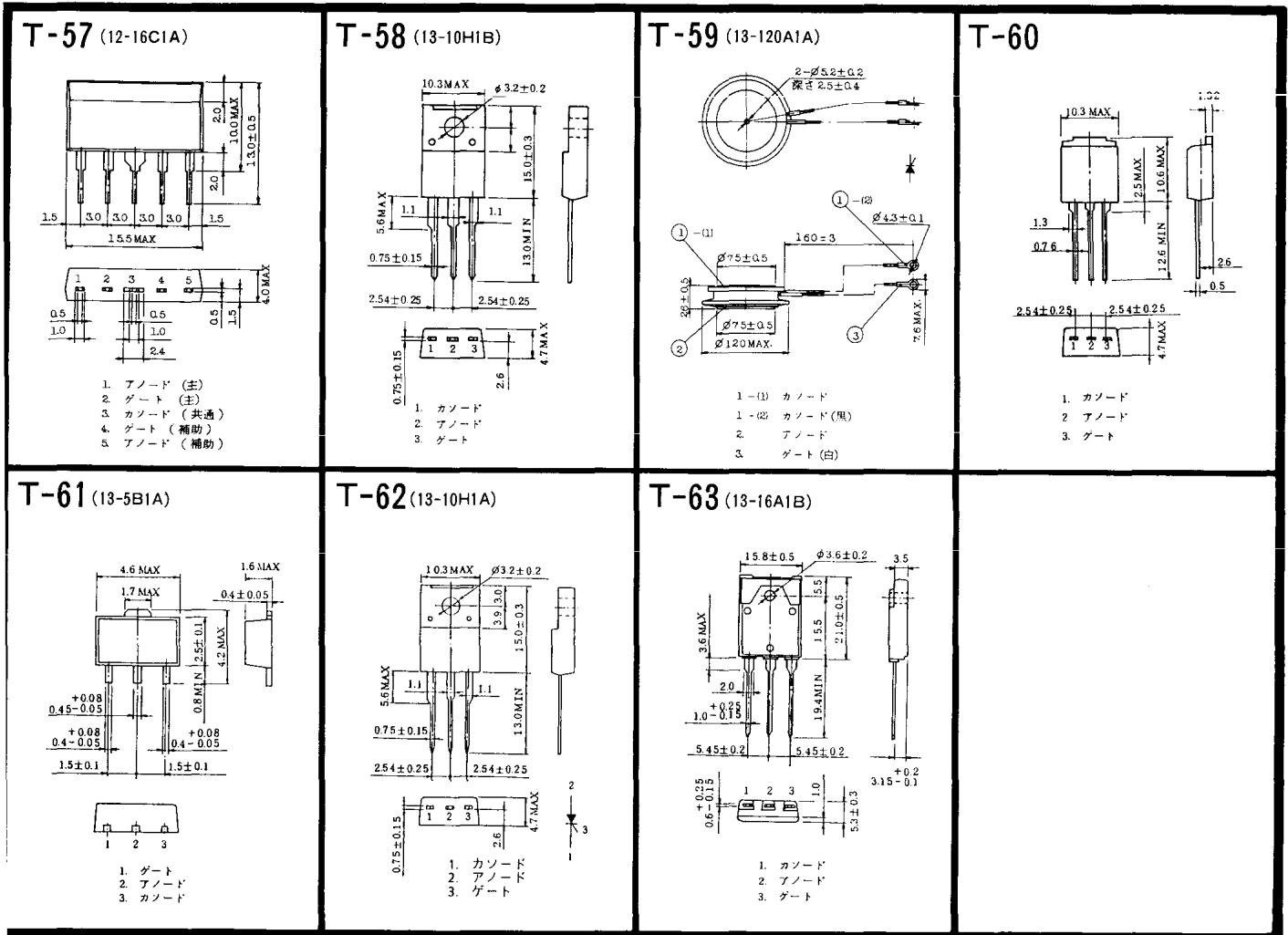






〈寸法図単位:mm〉

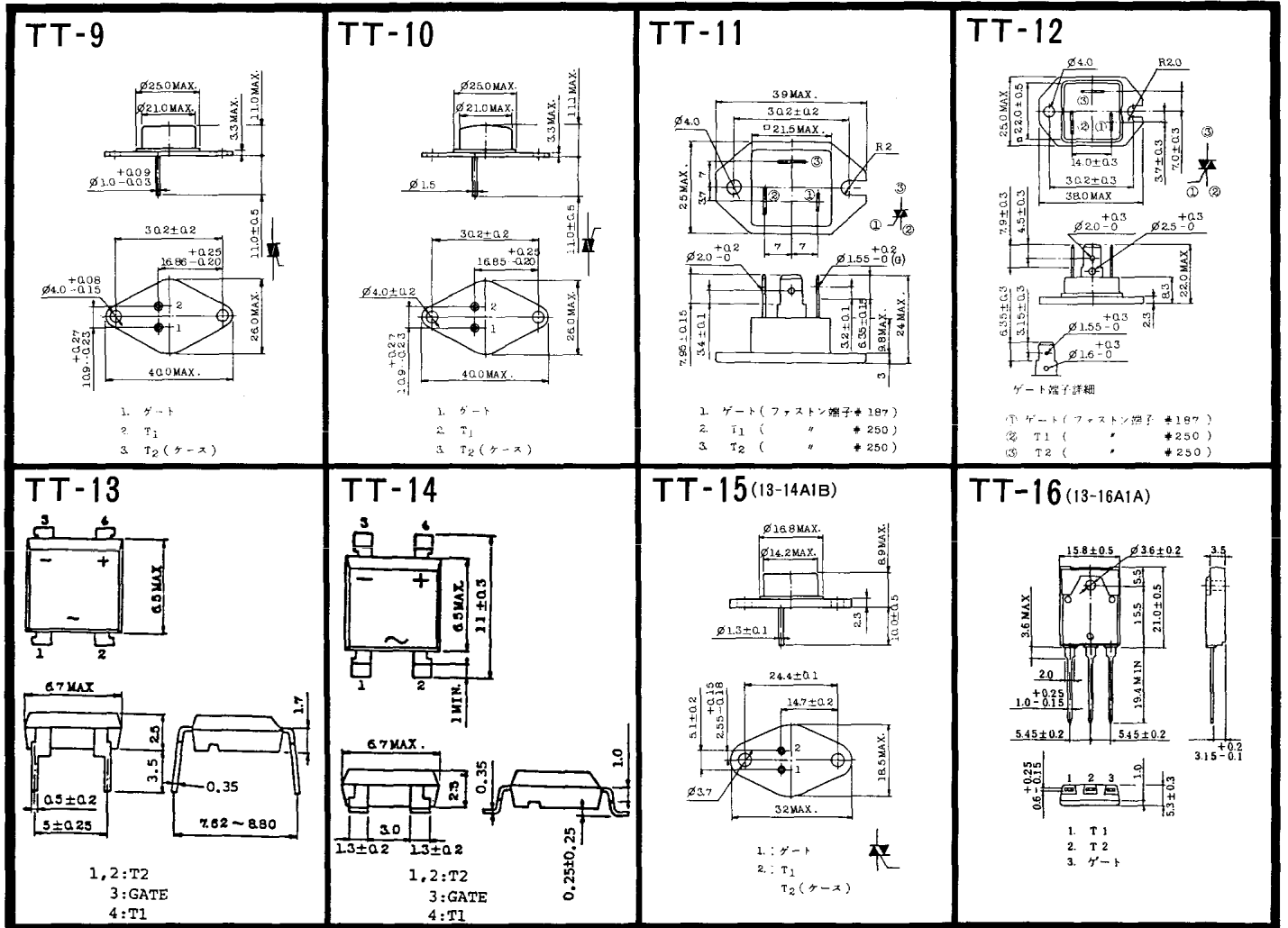
<http://store.iicc/>



《寸法図単位:mm》

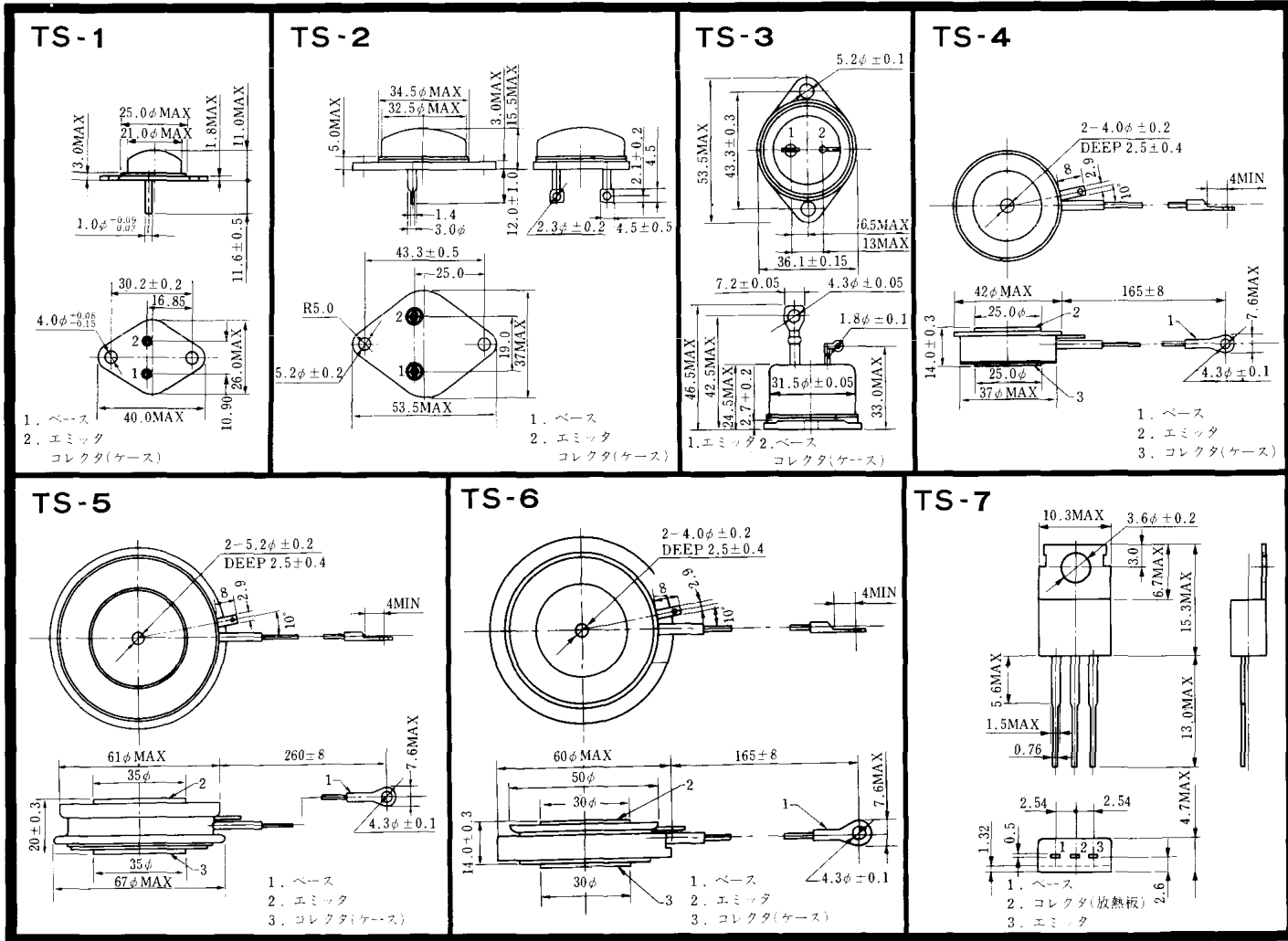
<http://store.iicc/>





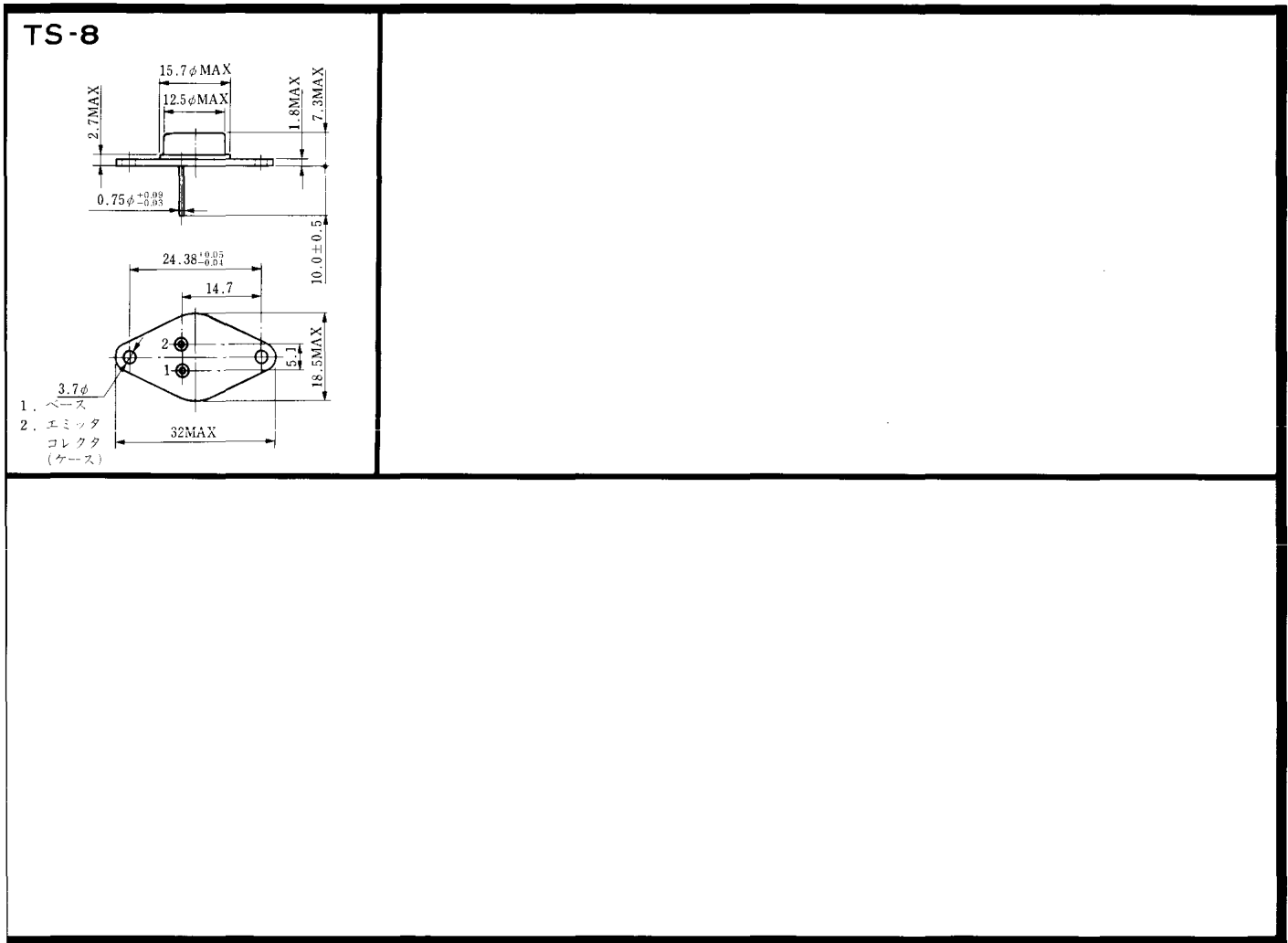
◀寸法図単位: mm▶

<http://store.iicc.cc/>



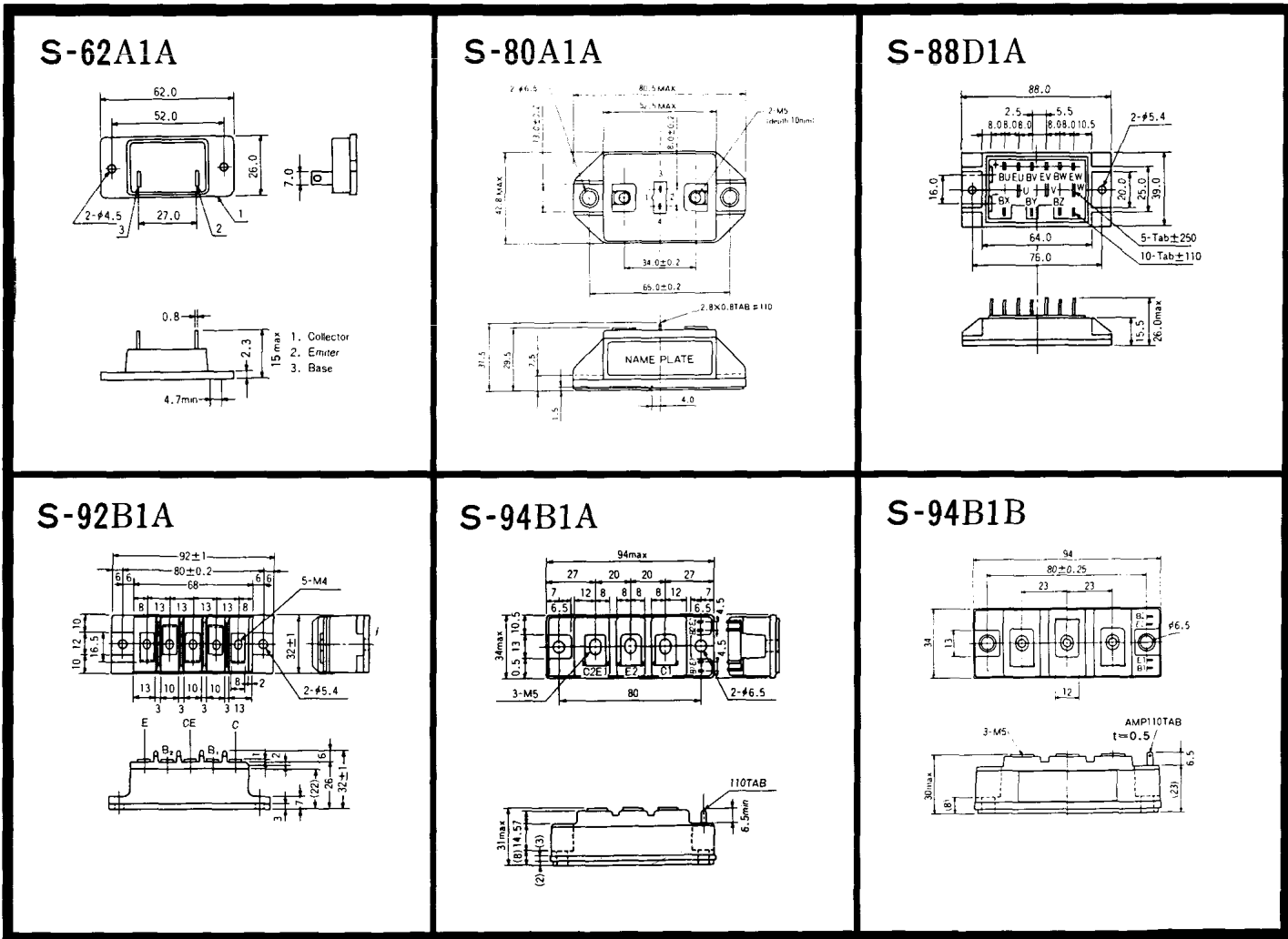
《寸法図単位：mm》

<http://store.iicc.cc/>



<http://store.iic.cc/>

《寸法図単位：mm》

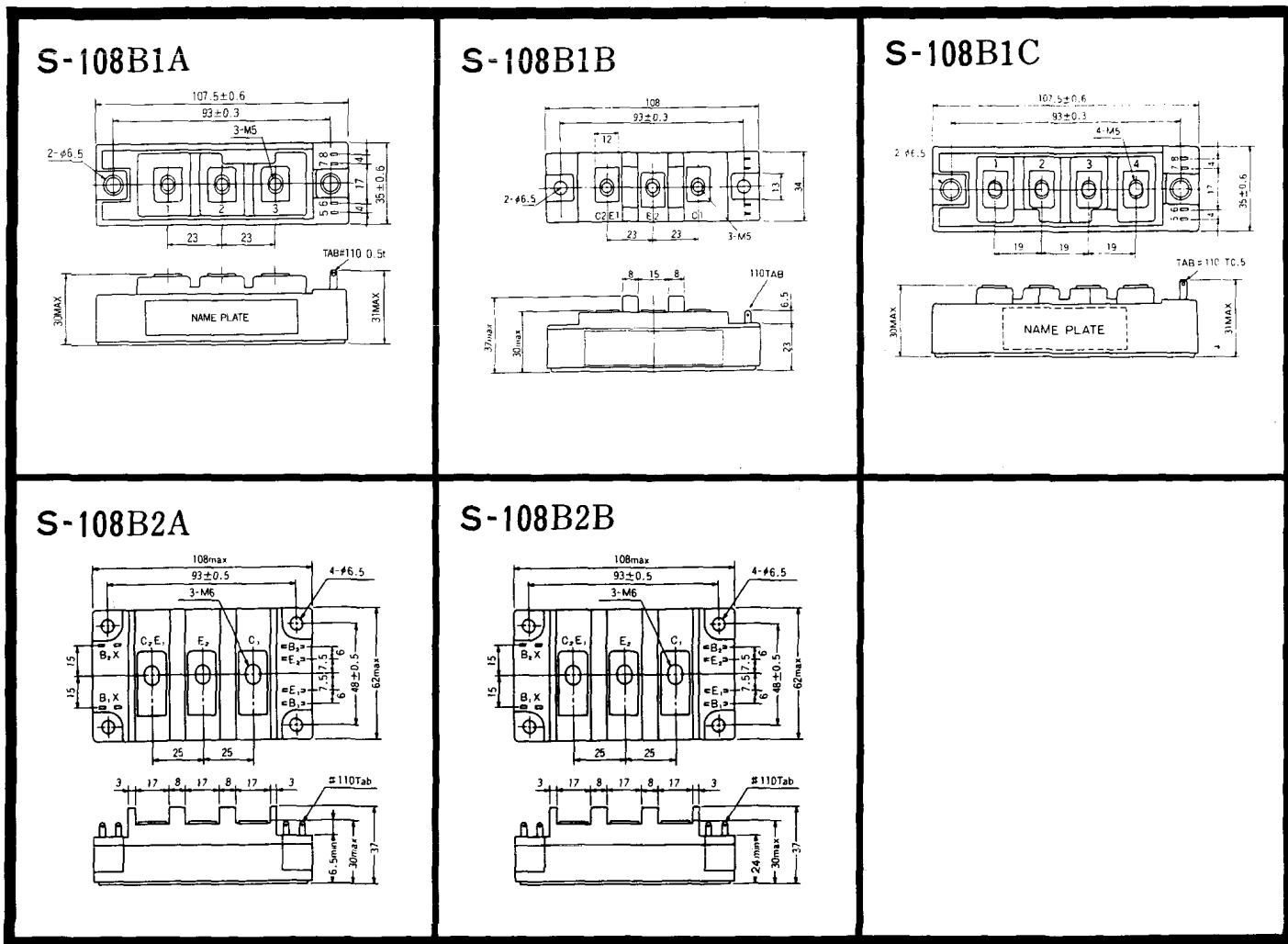


<http://store.iicc.cc/>

〈寸法図単位：mm〉



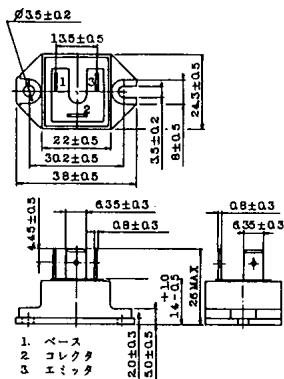




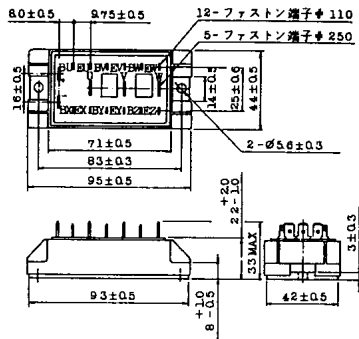
<http://store.iic.cc/>

<寸法图单位:mm>

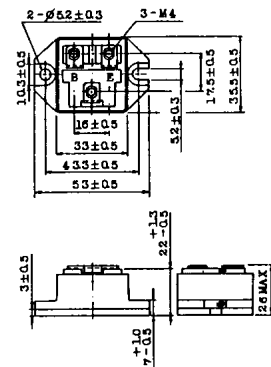
### 2-22B1A



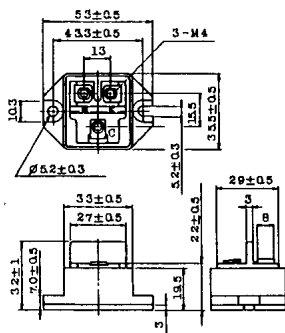
### 2-27A4A



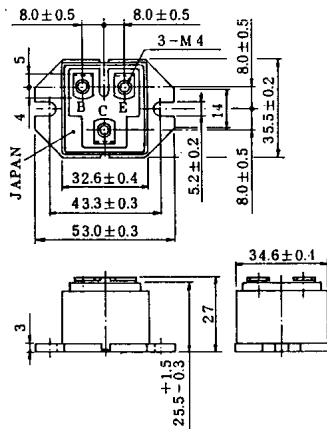
### 2-33C1A



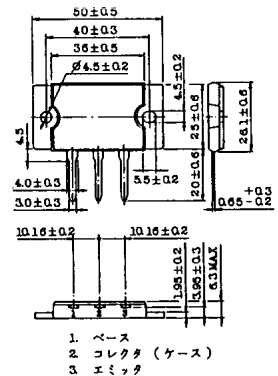
### 2-33D1A



### 2-33F1A

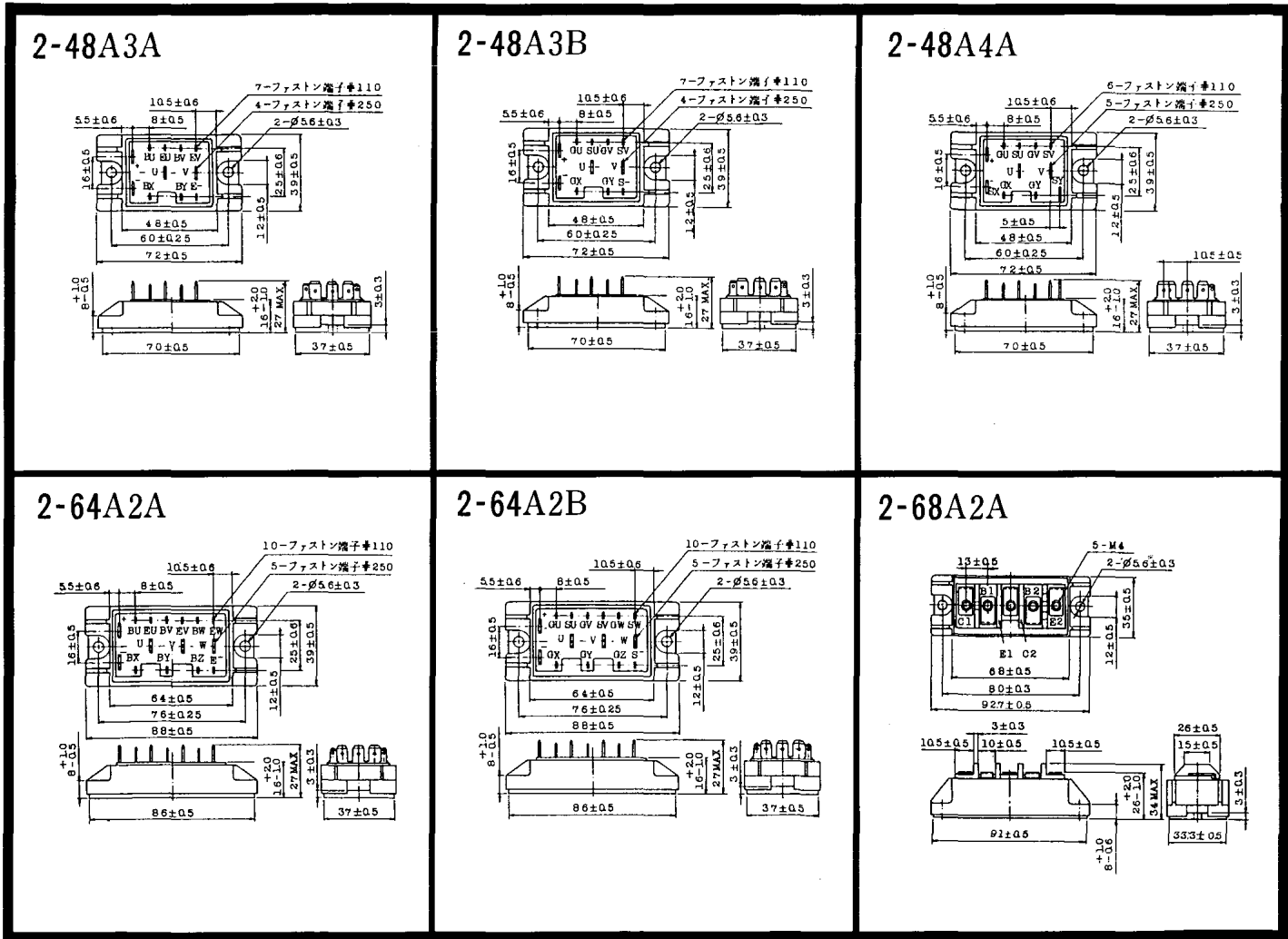


### 2-37A1A



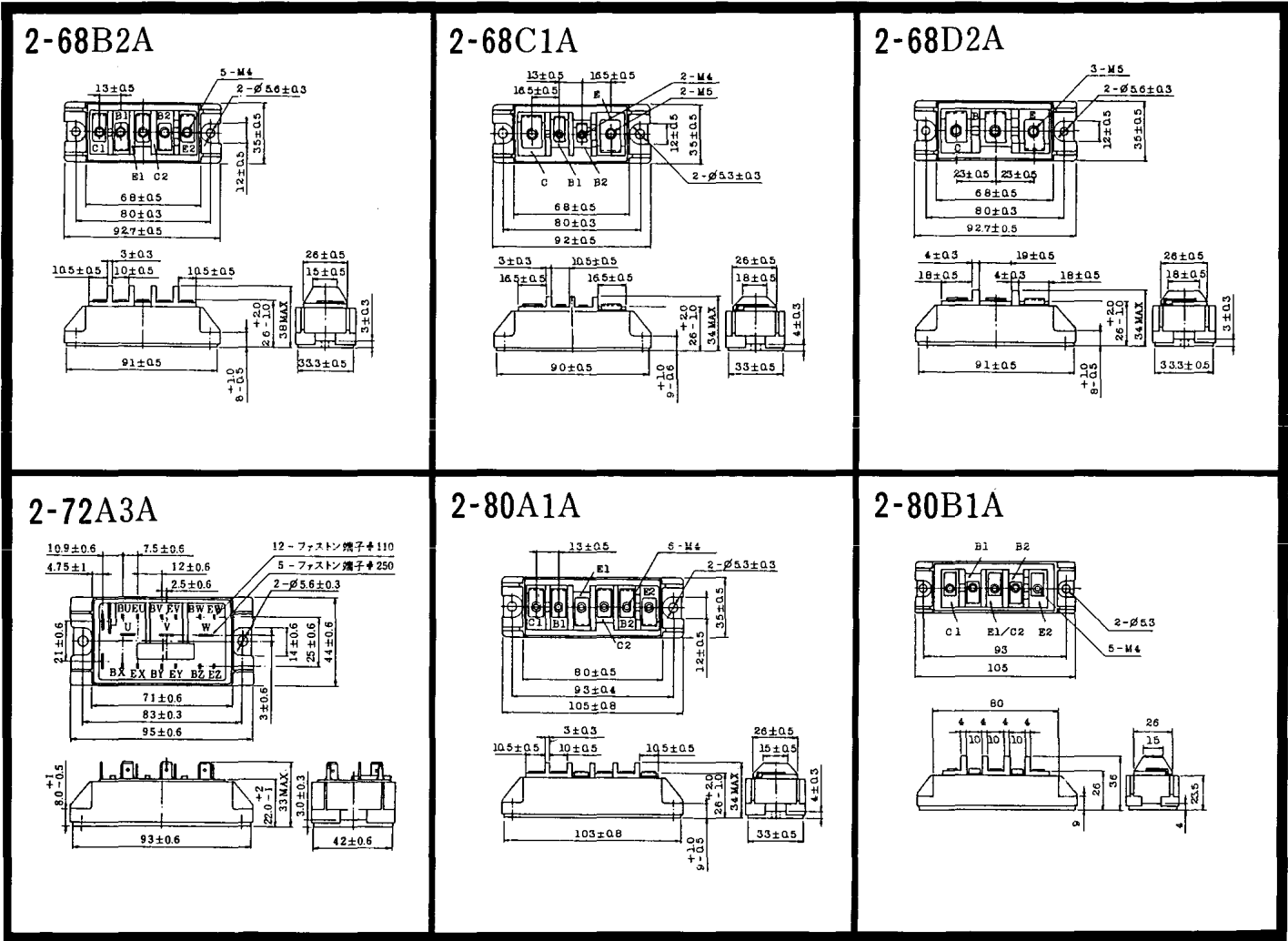
<http://store.iicc.cc/>

《寸法図単位：mm》



<http://store.iic.cc/>

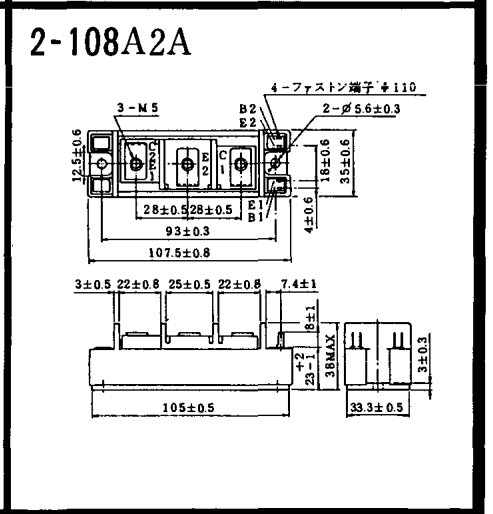
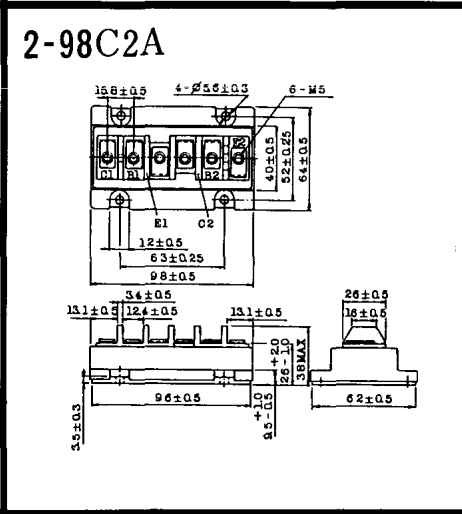
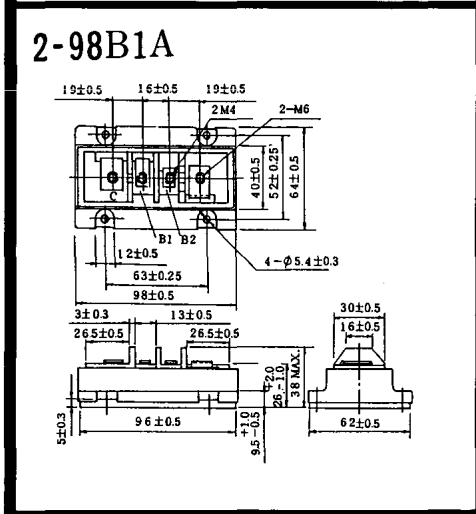
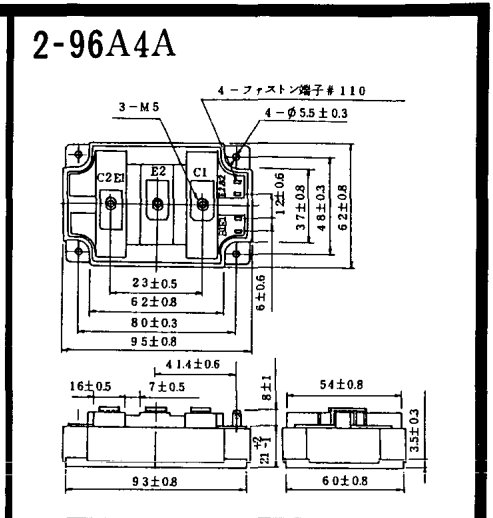
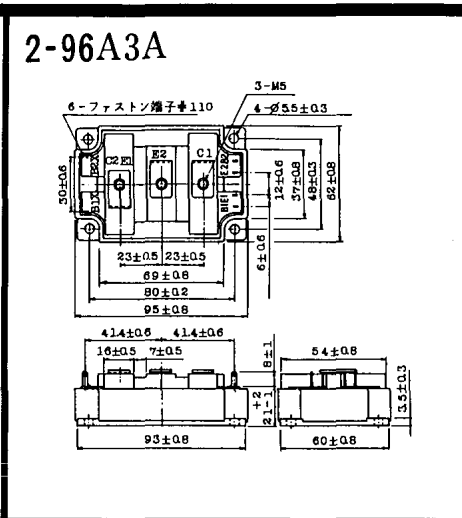
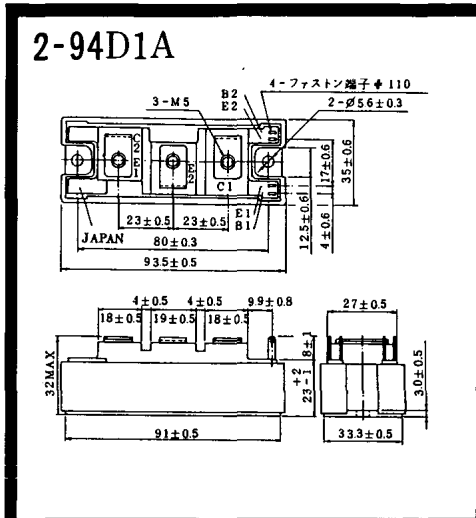
〈寸法図単位：mm〉



<http://store.iic.cc/>

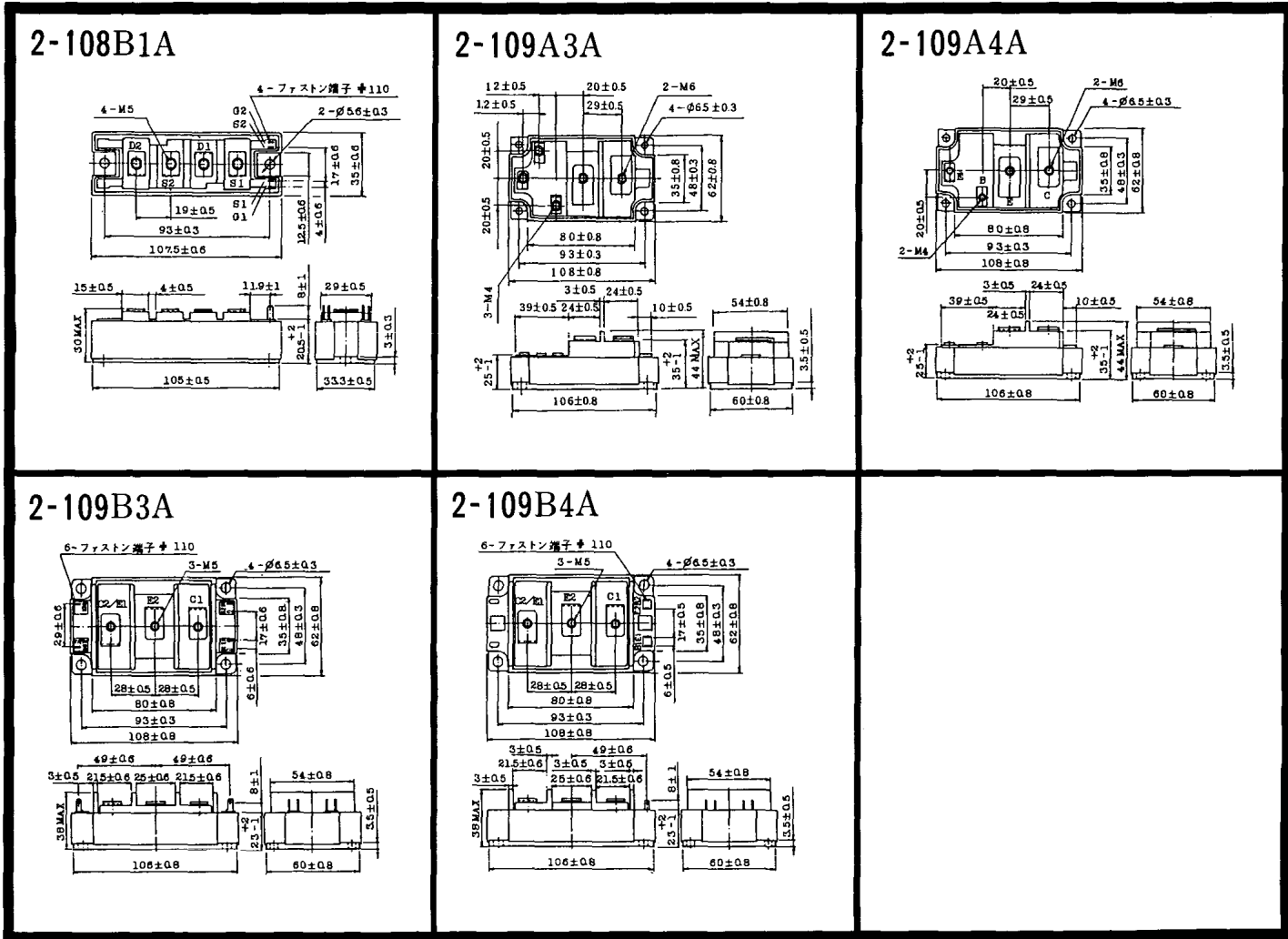
〈寸法図単位：mm〉





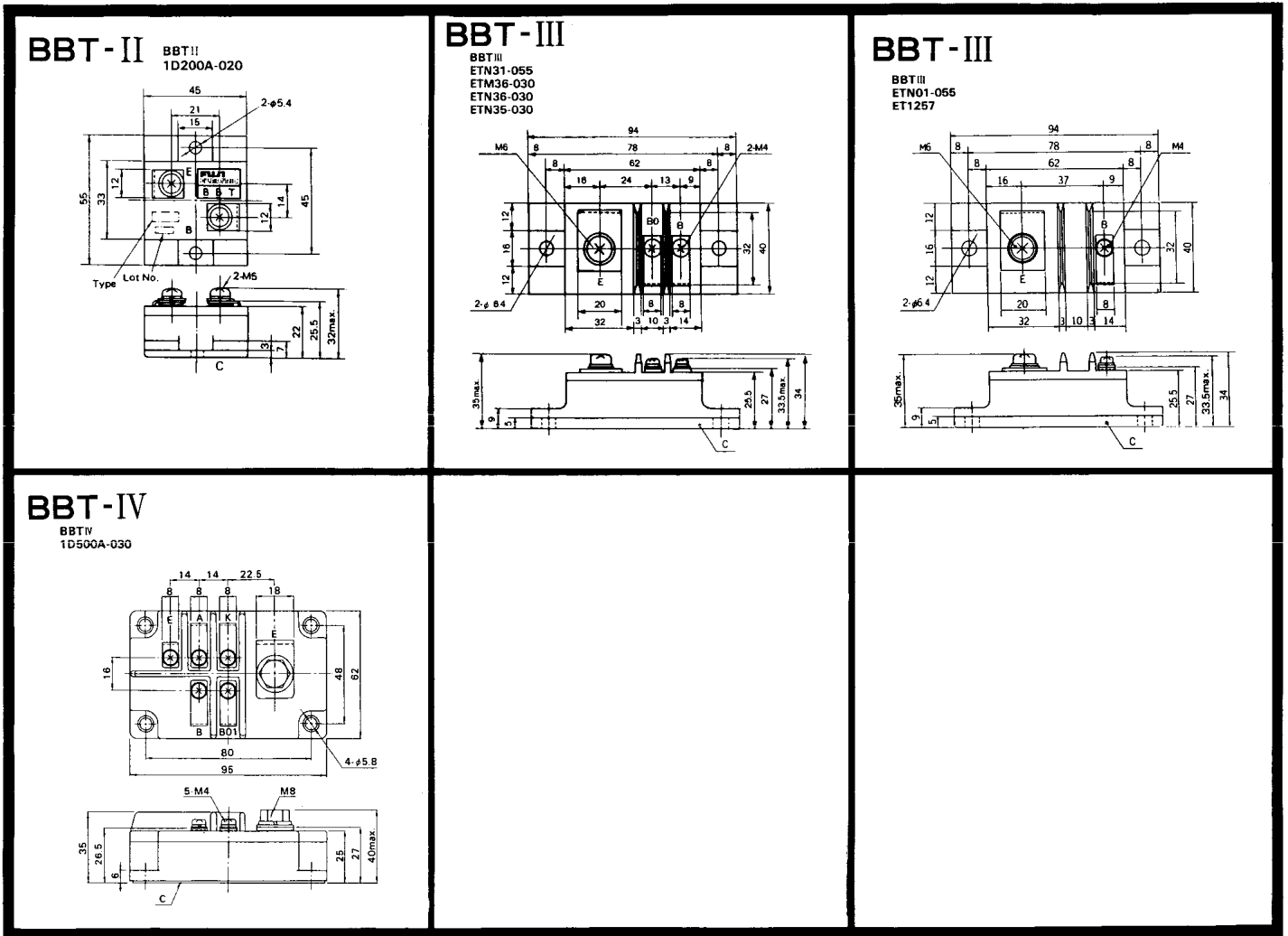
<http://store.iic.cc/>

《寸法図単位：mm》



<寸法図単位：mm>

<http://store.iicc.cc/>

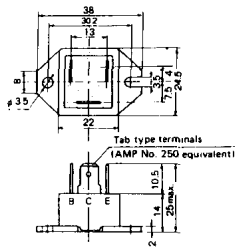


<http://store.iic.cc/>

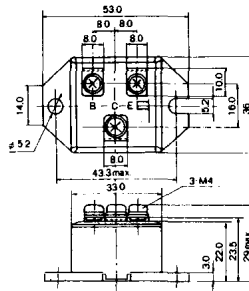
〈寸法图单位:mm〉



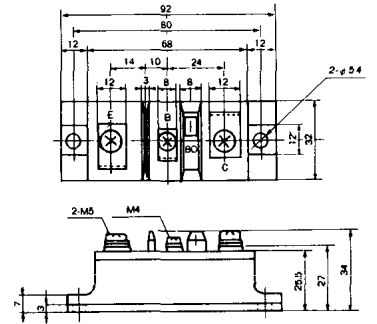
M-101



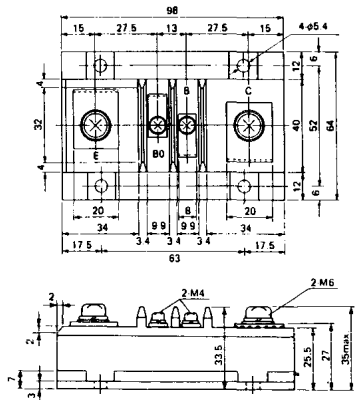
M-102



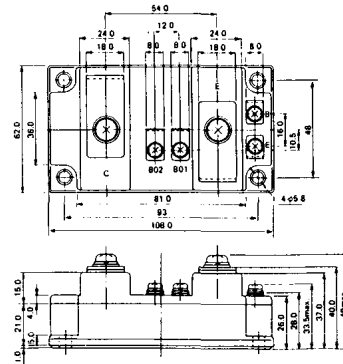
M-103



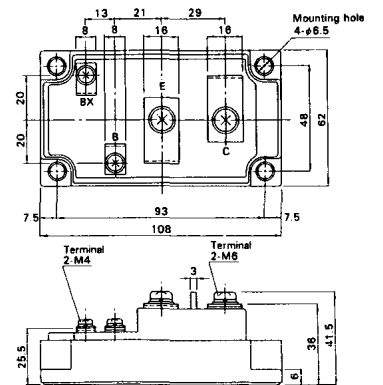
M-104



M-105



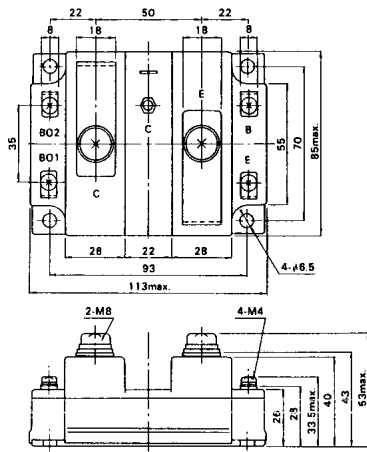
M-106



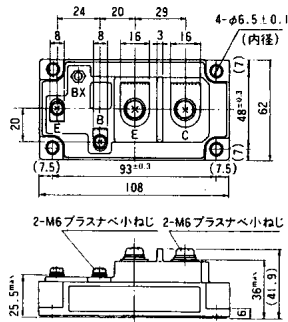
<http://store.iic.cc/>

〈寸法図単位：mm〉

M-107



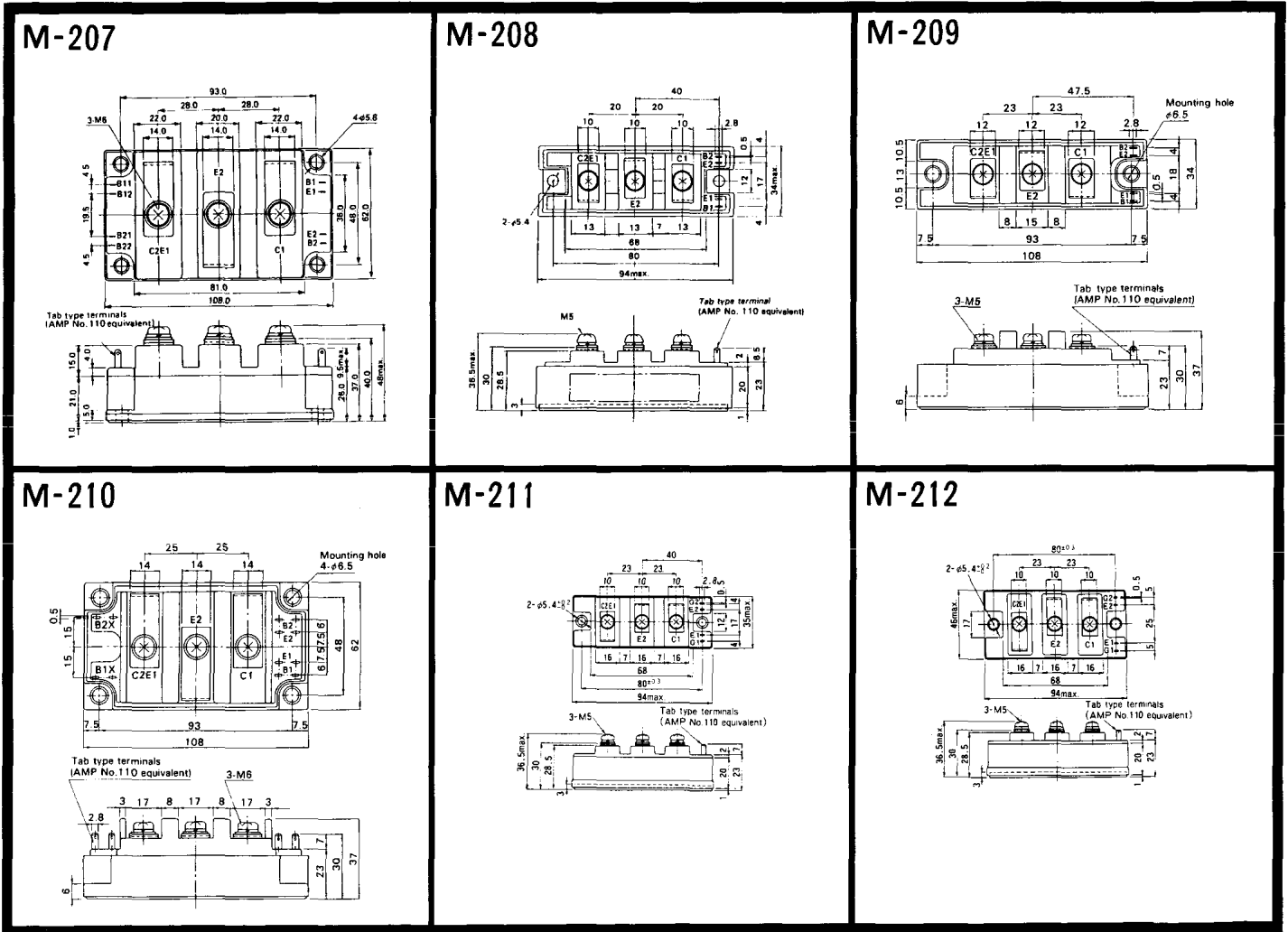
M-116



<http://store.iiic.cc/>

〈寸法図単位：mm〉

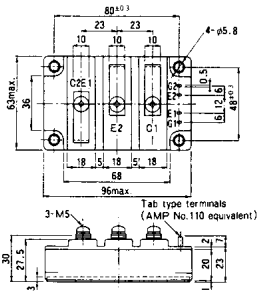




《寸法図単位：mm》

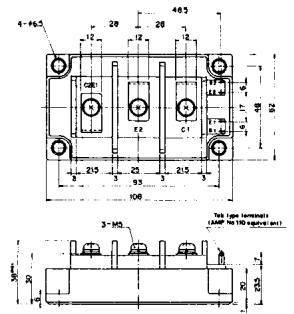
<http://store.iic.cc/>

M-213

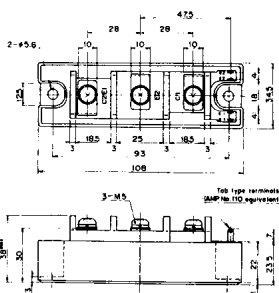


M-214

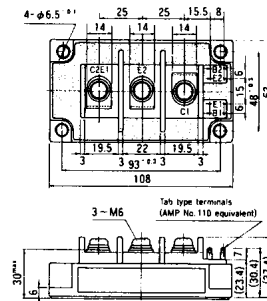
M-215



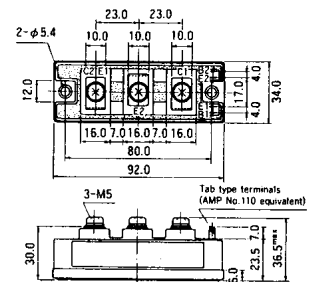
M-216



M-217



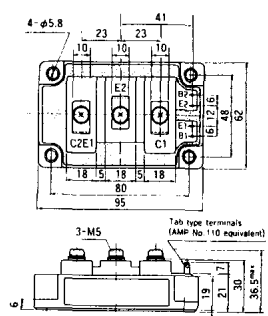
M-218



〈 寸法図単位:mm 〉

<http://store.iiic.cc/>

M-219



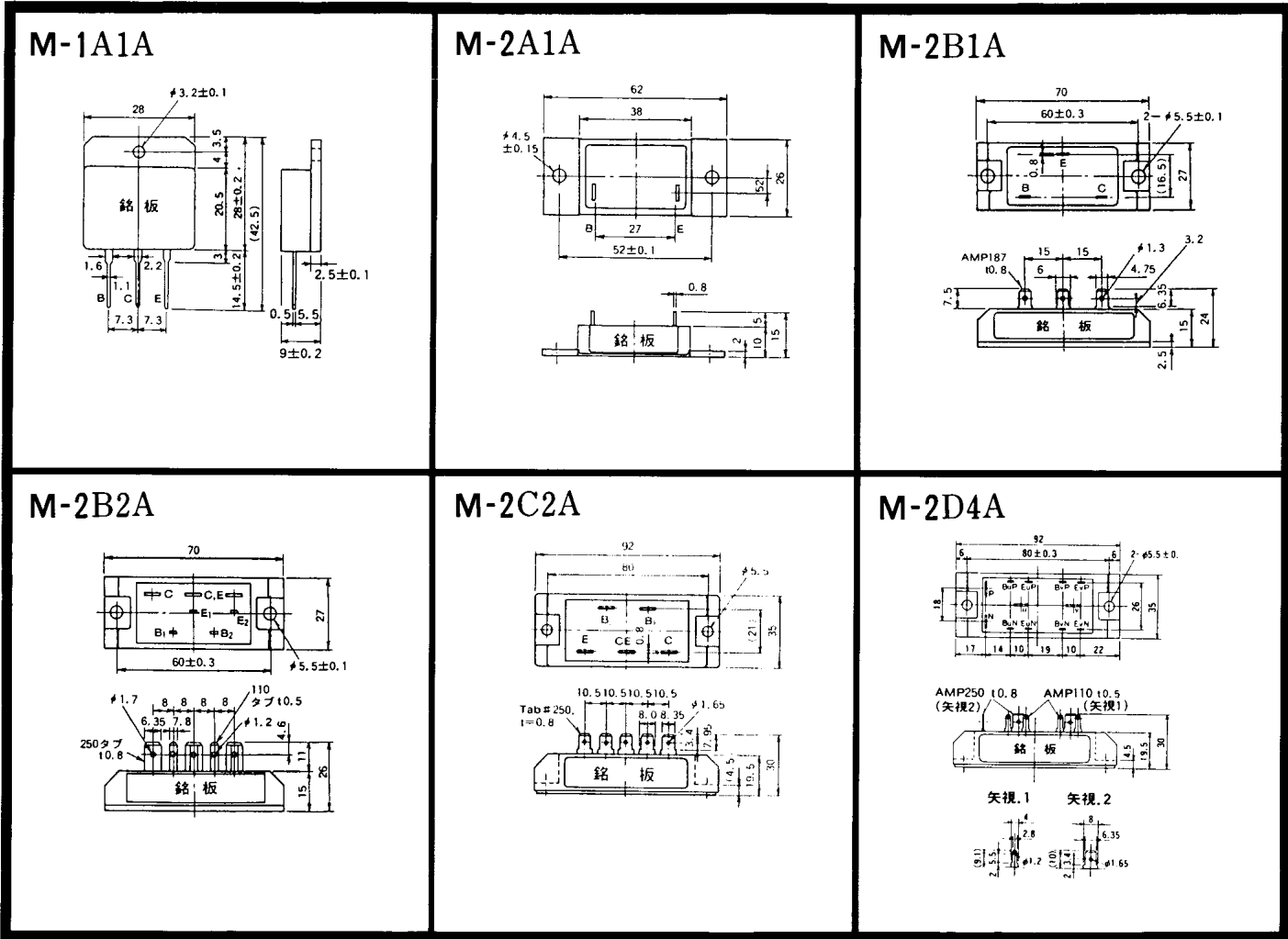
<寸法図単位:mm>

<http://store.iic.cc/>





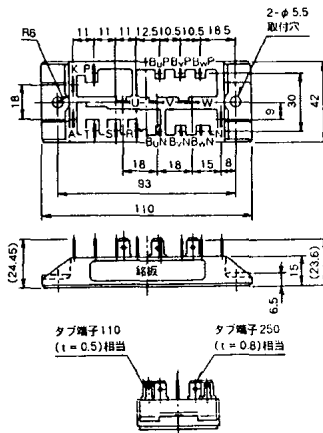




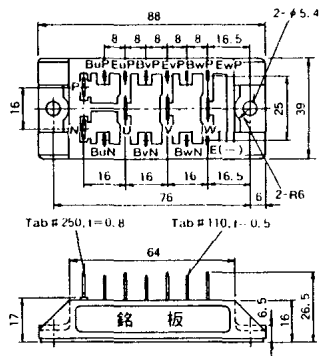
< 寸法图单位:mm >

<http://store.iic.cc/>

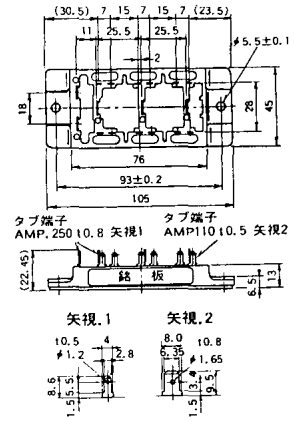
### M-2E6A



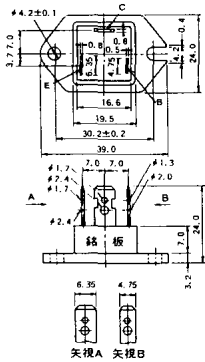
### M-2F6A



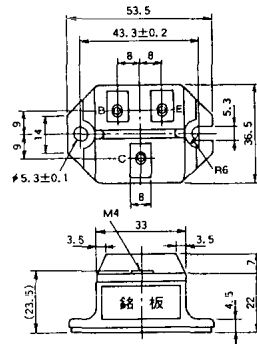
### M-2G6A



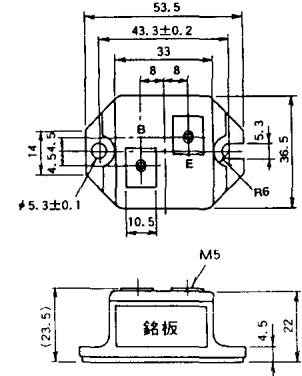
### M-3A1A



### M-3B1A



### M-3B1B



《寸法図単位:mm》

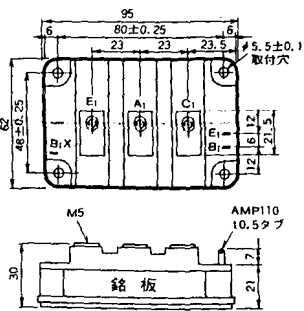
<http://store.iic.cc/>



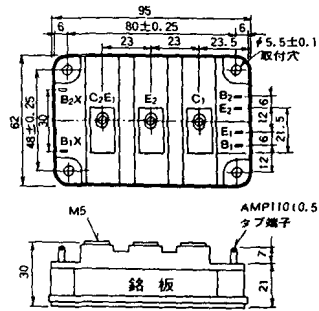




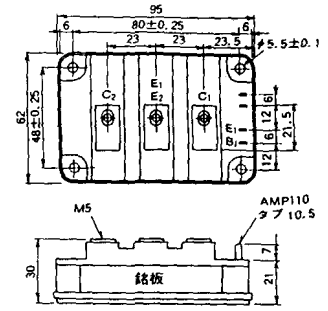
M-8A1B



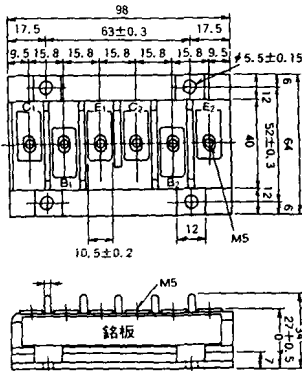
M-8A2A



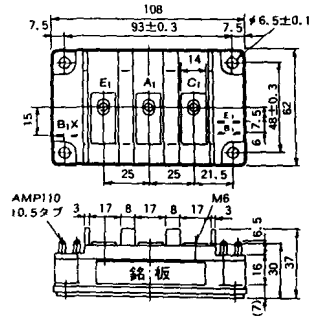
M-8A2B



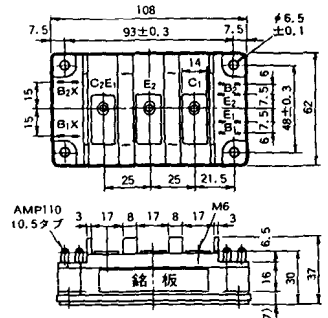
M-8B2A



M-9A1A

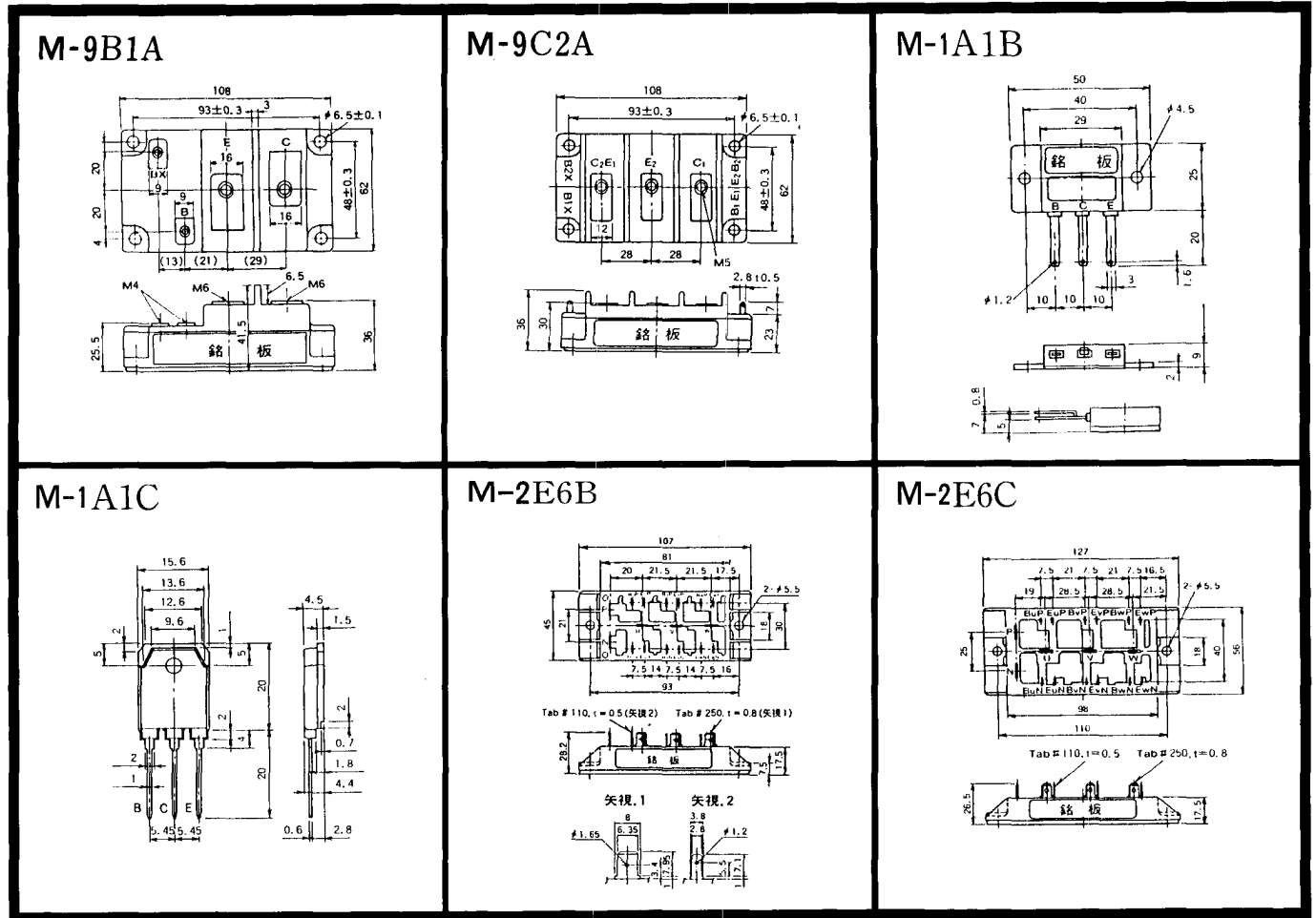


M-9A2A



《寸法図単位:mm》

<http://store.iic.cc/>

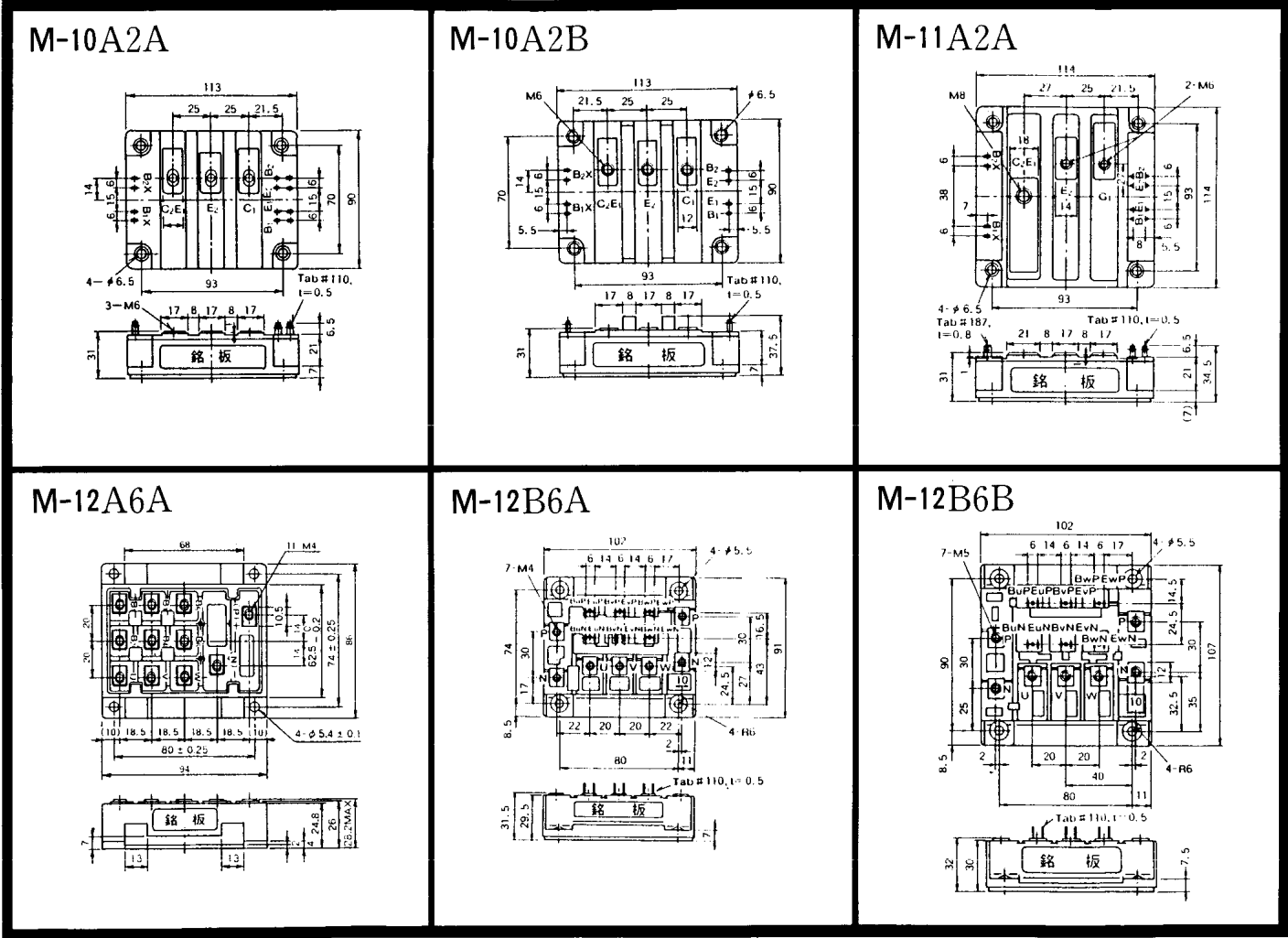


《寸法图单位:mm》

<http://store.iic.cc/>



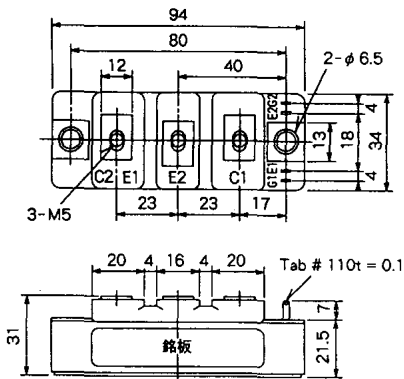




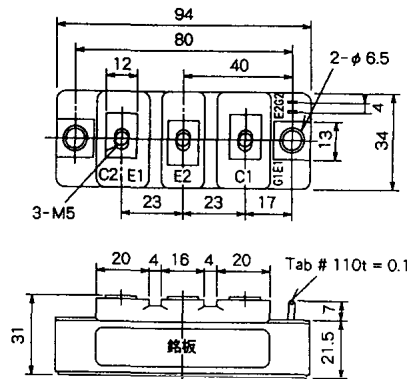
《寸法図単位：mm》

<http://store.iic.cc/>

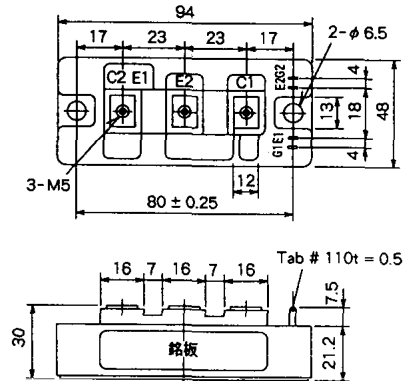
M-4A2D



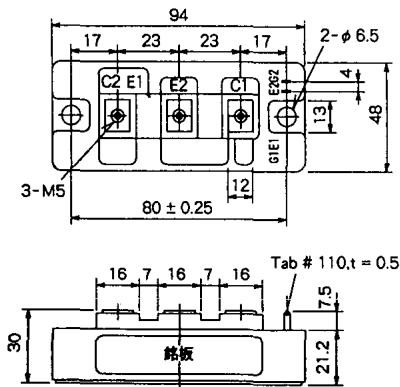
M-4A2E



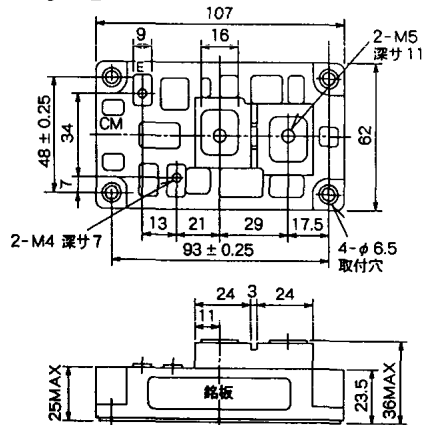
M-4C2A



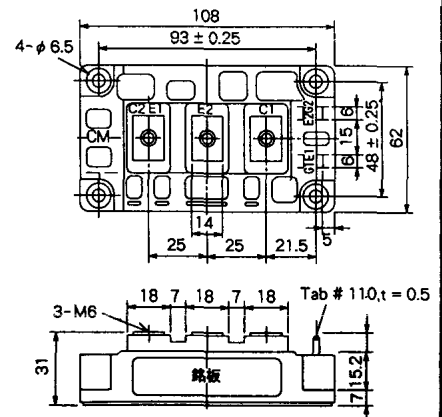
M-4C2B



M-9B1C

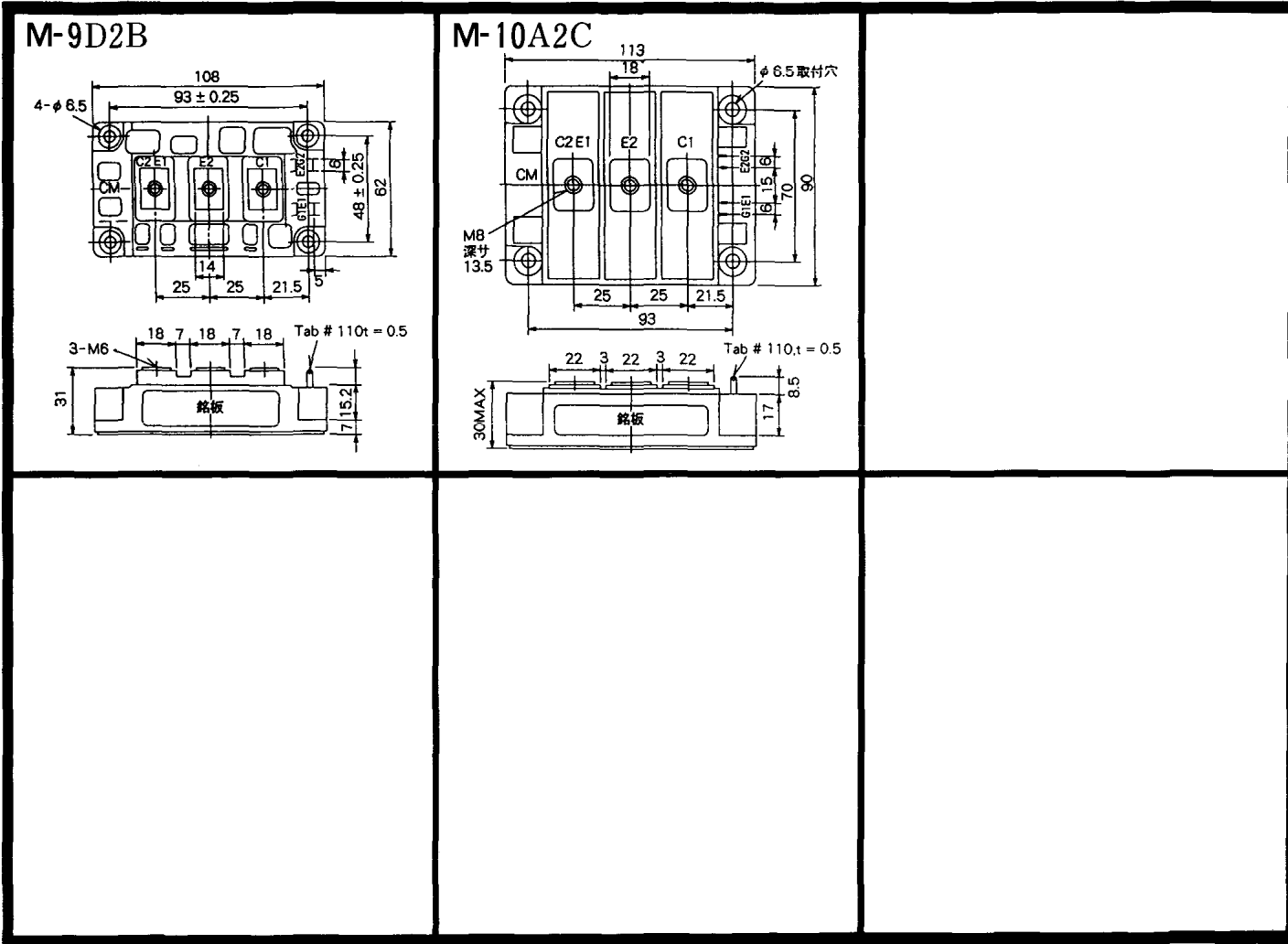


M-9D2A



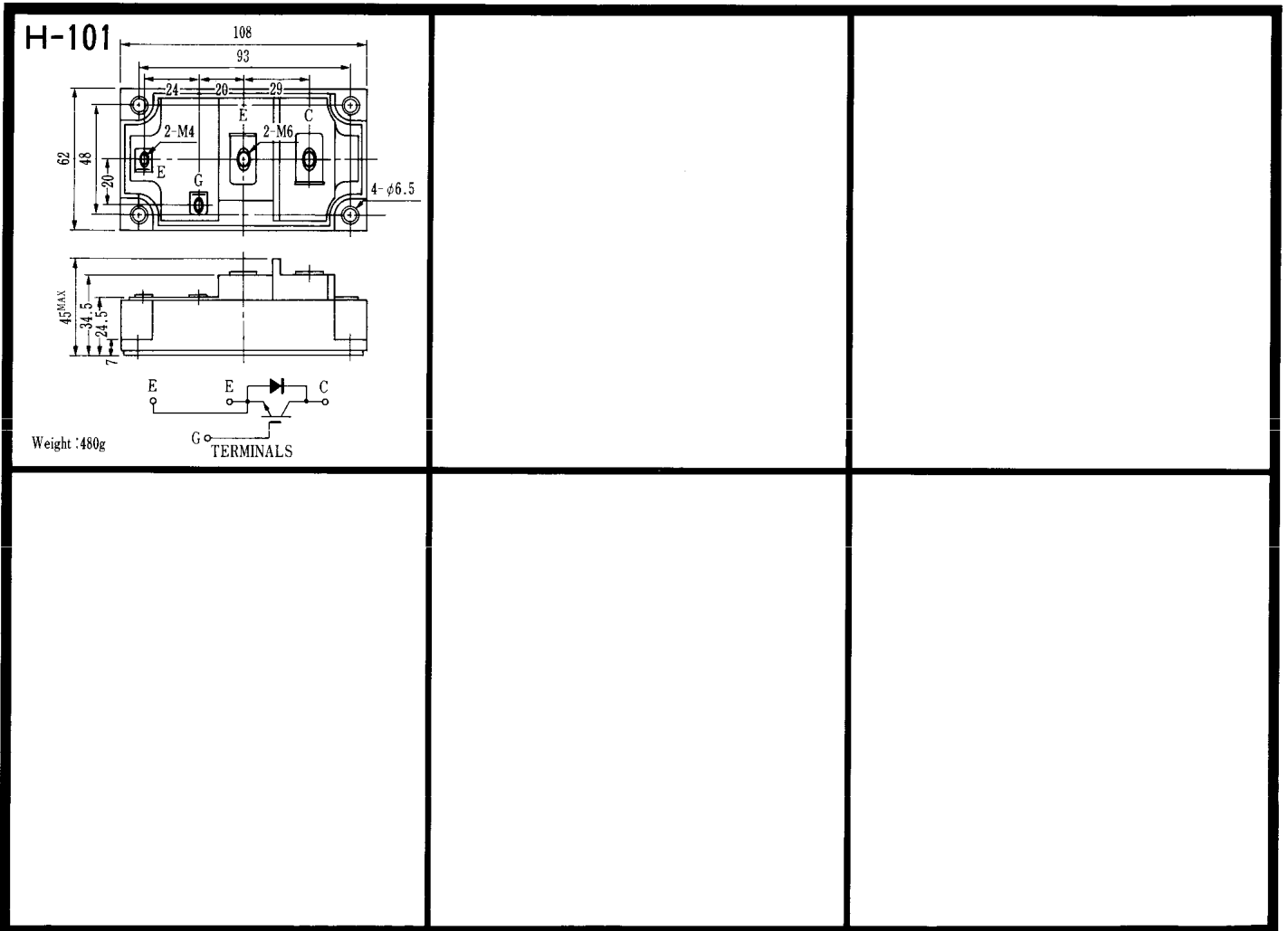
〈寸法图单位: mm〉

<http://store.iic.cc/>



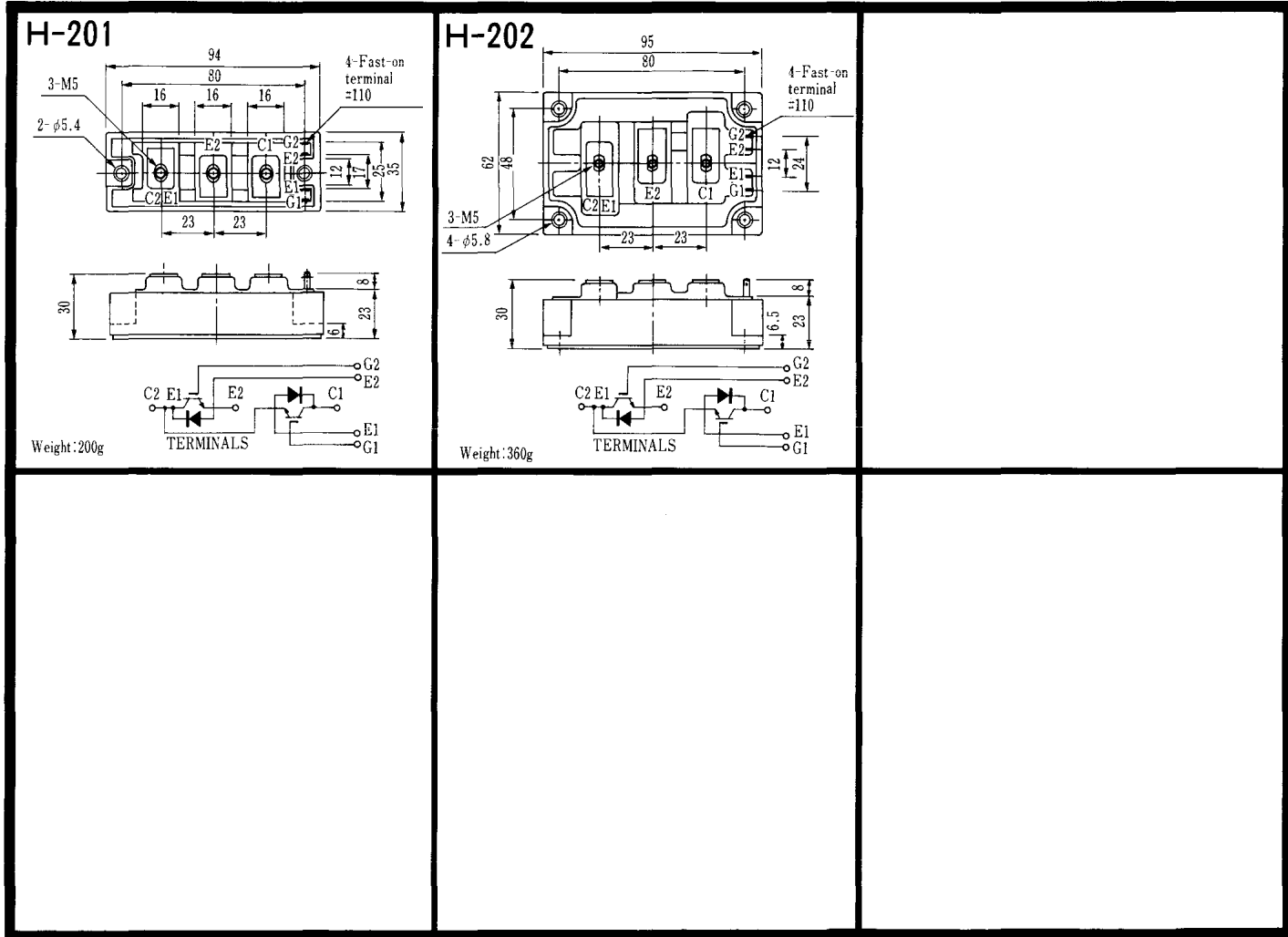
〈寸法図単位：mm〉

<http://store.iic.cc/>



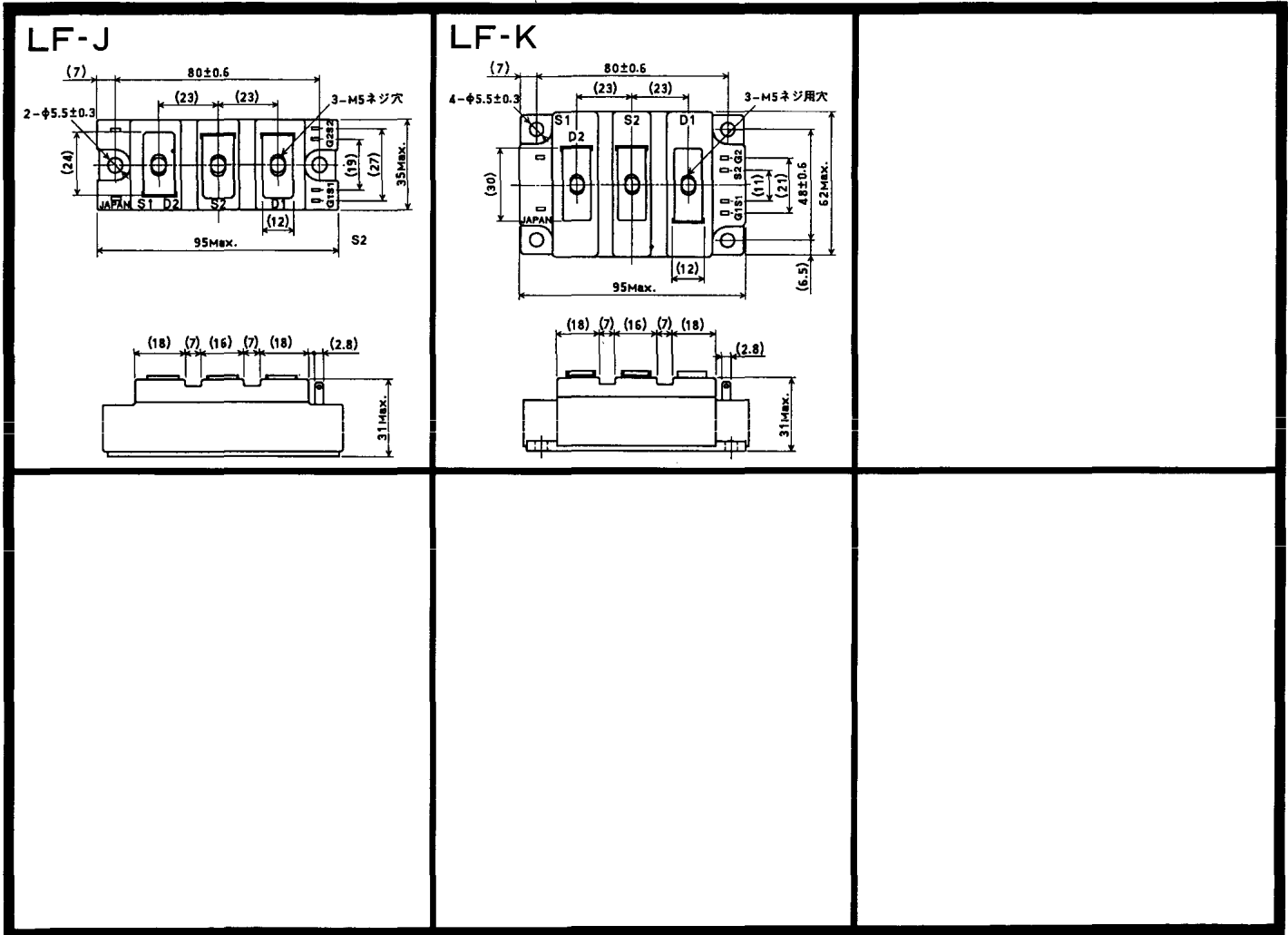
<http://store.iic.cc/>

《寸法图单位:mm》



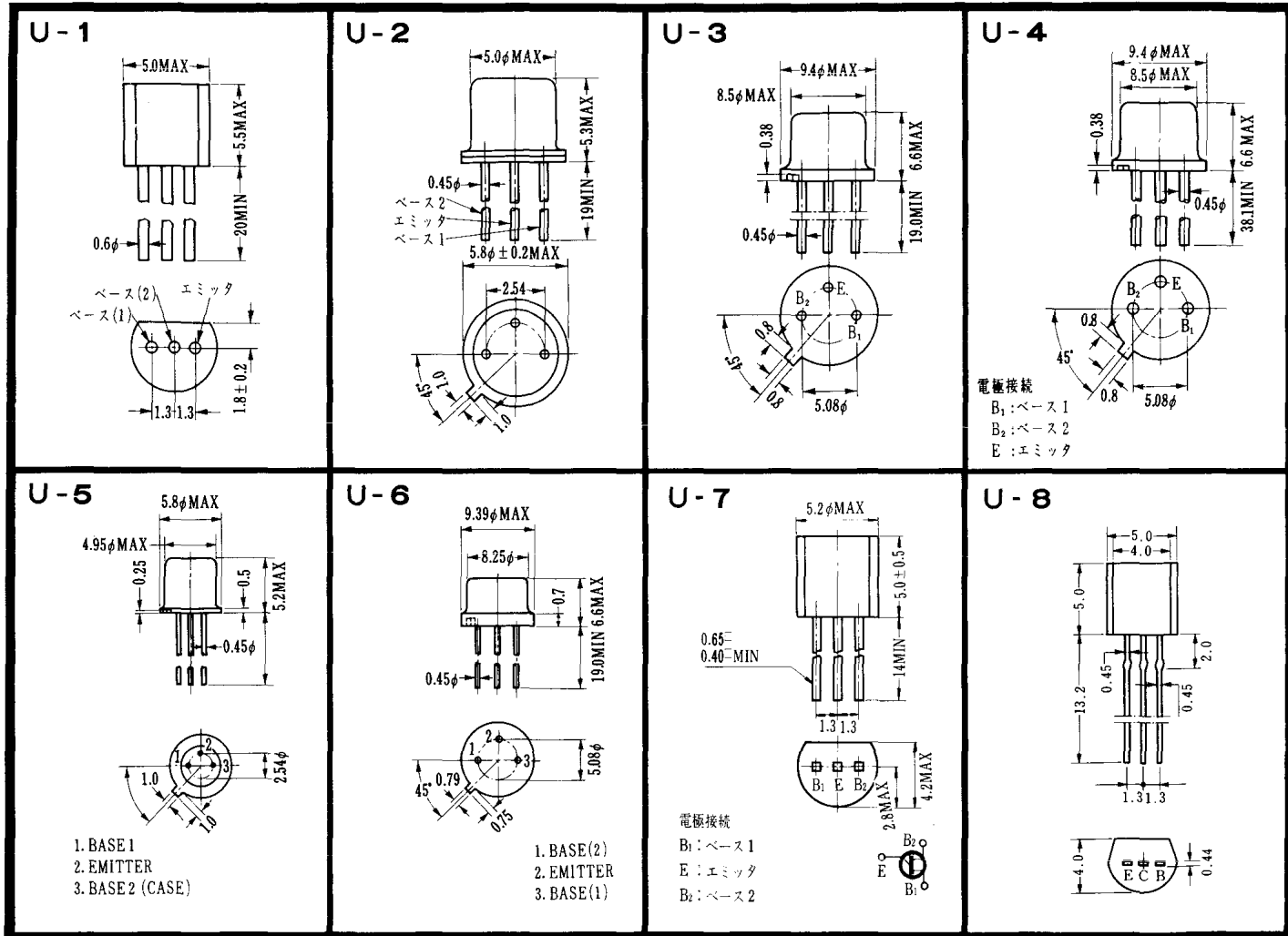
〈寸法図単位:mm〉

<http://store.iic.cc/>



〈寸法図単位：mm〉

<http://store.iic.cc/>



〈寸法図単位: mm〉

<http://store.iic.cc/>