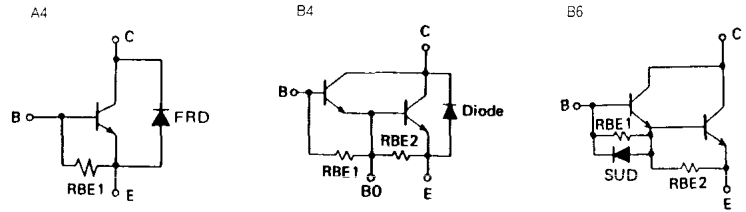


トランジスタ・モジュール (NPN, ダーリントン接続, 1個内蔵)

- ダーリントン・トランジスタ2個内蔵
- 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)

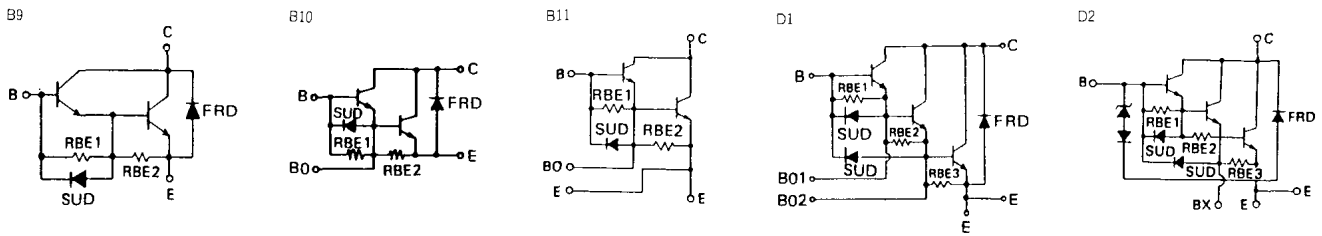
■等価回路



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)。

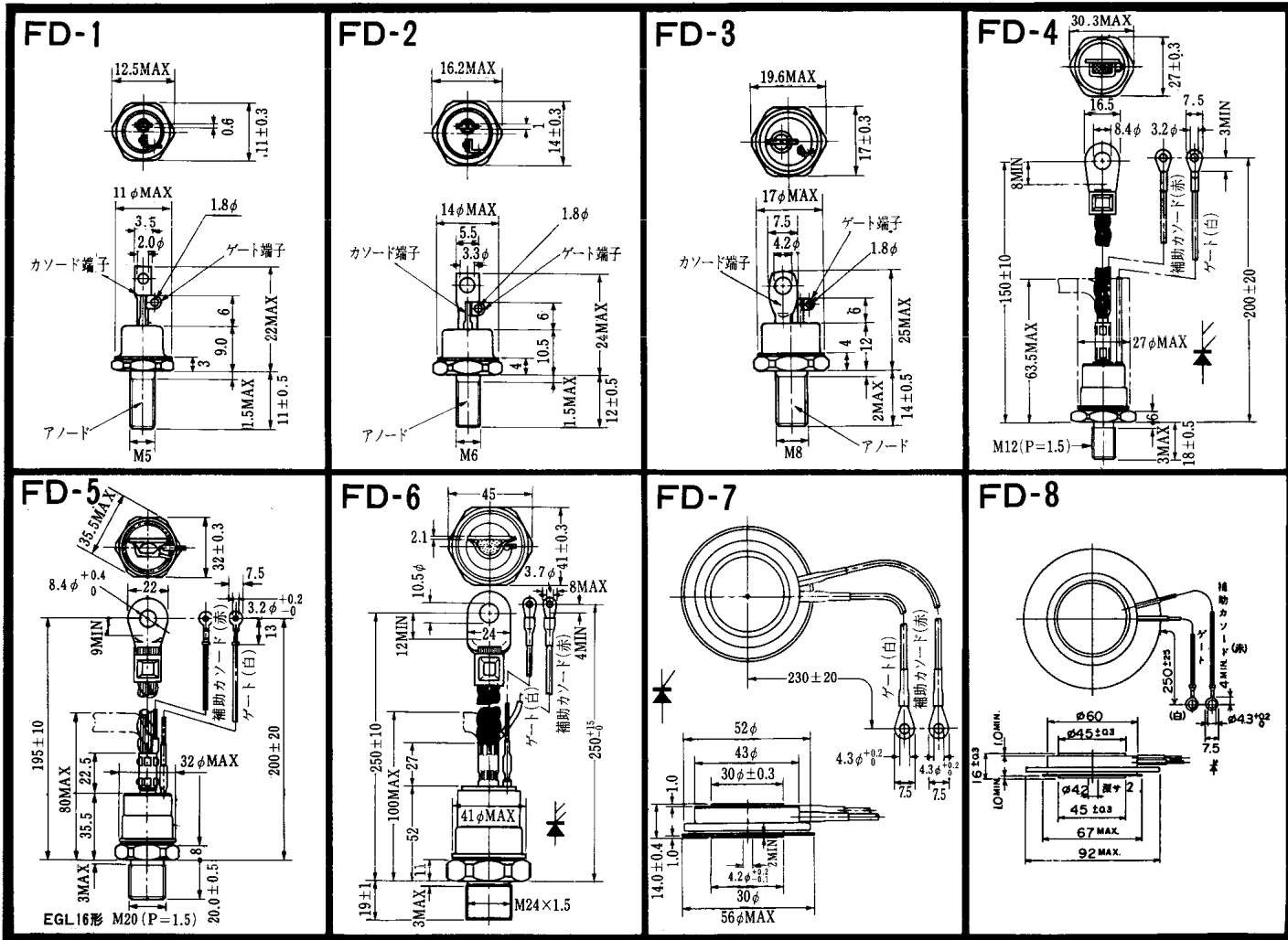
型名	最大定格								電気的特性											
	V_{CE0} (V)	V_{CE0} (sus) V_{CE0} # (V)	V_{RBO} (V)	I_c (A)	I_{CP} (1ms) (A)	I_B (A)	I_F (A)	P_c		T_j (°C)	$T_{j,LF}$ (°C)	V_{iso} (注2) (V)	I_{CBO}		I_{RBO}		V_{CE0} (sus)		h_{FE}	
								(注1) (W)	Total (W)				最大 (mA)	V_{CB} (V)	最大 (mA)	V_{EB} (V)	最小 (V)(注3)	I_c (A)	最小 (V)	I_c (A)
1D200A-020	300	300 #	6	200	400	8.0		800	150	-40~125		1.0	300	200	6	250	1.0	100	5	200
1D500A-030	400	400 #	10	500	1000	20		2500	150	-40~125		1.0	400	800	10	300	1.0	500	2	500
1DI200A-120	1200	1200 #	10	200	400	12	200	1400	150	-40~125	2500	2.0	1200	400	10	1200 #	2	70	5	200
1DI200A-140	1400	1400 #	10	200	400	12	200	1400	150	-40~125	2500	2.0	1200	400	10	1400 #	30	70	5	200
1DI200Z-100	1000	1000 #	10	200	400	10	200	1400	150	-40~125	2500	4.0	1000	800	10	1000 #	4	100	5	200
1DI200Z-120	1200	1200 #	10	200	400	12	200	1400	150	-40~125	2500	4.0	1200	800	10	1200 #	4	100	5	200
1DI240A-055	600	550	6	240	480	12	240	1000	150	-40~125	2500	2.0	600	600	6	550	2.0	70	5	240
1DI300A-120	1200	1200 #	10	300	600	16	300	2000	150	-40~125	2500	2.0	1200	400	10	1200 #	2	70	5	300
1DI300A-140	1400	1400 #	10	300	600	16	300	2000	150	-40~125	2500	2.0	1200	400	10	1400 #	30	70	5	300
1DI300D-100	1000	1000 #	10	300	600	16	300	2000	150	-40~125	2500	1.0	1000	800	10	800	5.0	100	5	300
1DI300Z-100	1000	1000 #	10	300	600	16	300	2000	150	-40~125	2500	4.0	1000	800	10	1000 #	4	100	5	300
1DI300Z-120	1200	1200 #	10	300	600	16	300	2000	150	-40~125	2500	4.0	1200	800	10	1200 #	4	100	5	300
1DI400A-120	1200	1200 #	10	400	800	32		3120	150	-40~125	2500	4.0	1200	600	10	1200 #	4	100	5	400
1DI400D-100	1000	800	10	400	800	16	400	2400	150	-40~125	2500	1.0	1000	800	10	800	5.0	70	5	400
1DI480A-055	600	550	6	480	960	16	480	2000	150	-40~125	2500	4.0	600	800	6	550	5.0	70	5	480
ET1275	1000	1000 #	6	15	30	3.0		120	150	-40~125	2500	1.0	1000	200	6	700	1.0	20	5	12
ETG81-050A	600	450	6	30	60	2.0	30	200	150	-40~125	2000	1.0	600	150	6	450	1.0	100	5	30
ETK81-050	600	450	6	50	100	3.0	50	300	150	-40~125	2000	1.0	600	200	6	450	1.0	100	5	50
ETK85-050	600	450 #	6	75	150	4.5	75	350	150	-40~125	2000	1.0	600	200	6	450	1.0	70	5	75
ETL81-050	600	500	6	100	200	6.0	100	600	150	-40~125	2500	1.0	600	300	6	500	1.0	100	5	100

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(T _J = 25°C)										エミッタ・コレクタ間ダイオード					熱抵抗		等価回路	外形図	記	事	型	名
飽和電圧 (V)		I _c	I _B	スイッチング時間 (μs)			I _{B1}	I _{B2}	I _c	V _F (V)		t _{rr} (μs)	I _F	V _{BR}	di/dt (A/μs)	R _{th(j-c)} (°C/W)						
V _{CE}	V _{BE}			t _{on}	t _{off}	t _r				最大	I _F					最大	最大	最大	最大	最大	最大	最大
2.0	2.5	200	4.0	2.0	12	3.0	4.0	-4.0	200							0.156		B 6	BBT II	FDなし		ID200A-020
2.0	2.5	500	1.0	2.0	12	4.0	1.0	-1.0	500							0.05		B 1 1	BBT V	FDなし		ID500A-030
2.5	3.5	200	6.0	2.5	15	3.0	6.0	-18	200	2.0	200	0.6	200	-6	200	0.089	0.3	D 1	M 1 0 5	UL: E 8 2 9 8 8 (M)		ID1200A-120
2.5	3.5	200	6.0	3.0	15	3.0	6.0	-18	200	2.0	200	0.6	200	-6	200	0.089	0.22	D 1	M 1 0 5			ID1200A-140
2.8	3.5	200	2.8	2.5	12	2.0	2.8	-4.0	200	1.8	200	0.7	200	-6	200	0.089	0.35	D 2	M 1 0 6			ID1200Z-100
2.8	3.5	200	2.8	3.0	15	2.0	2.8	-4.0	200	2.0	200	0.8	200	-6	200	0.089	0.35	D 2	M 1 0 6			ID1200Z-120
2.0	2.5	240	7.0	2.0	12	3.0	7.0	-7.0	240	1.5	240					0.125	0.3	B 1 0	M 1 0 4			ID1240A-055
2.5	3.5	300	8.0	3.0	15	3.0	8.0	-24	300	2.0	300	0.6	300	-6	300	0.062	0.16	D 1	M 1 0 5	UL: E 8 2 9 8 8 (M)		ID1300A-120
2.5	3.5	300	8.0	3.0	15	3.0	8.0	-24	300	2.0	300	0.6	300	-6	300	0.062	0.16	D 1	M 1 0 5			ID1300A-140
2.5	3.5	300	6.0	2.5	15	3.0	6.0	-18	300	1.8	300	0.7	300	-6	300	0.062	0.16	D 1	M 1 0 5			ID1300D-100
2.8	3.5	300	4.0	2.5	12	2.0	4.0	-6.0	300	1.8	300	0.7	300	-6	300	0.063	0.3	D 2	M 1 0 6			ID1300Z-100
2.8	3.5	300	4.0	3.0	15	2.0	4.0	-6.0	300	2.0	300	0.8	300	-6	300	0.063	0.3	D 2	M 1 0 6			ID1300Z-120
2.5	3.5	400	8.0	3.0	15	3.0	8.0	-24	400			0.6	400	-6	400	0.04	0.16	D 1	M 1 0 7			ID1400A-120
2.5	3.5	400	8.0	2.5	15	3.0	8.0	-24	400	1.8	400	0.7	400	-6	400	0.052	0.16	D 1	M 1 0 5			ID1400D-100
2.0	2.5	480	14	2.0	12	3.0	14	-14	480	1.5	480					0.0625	0.16	B 1 0	M 1 0 5	UL: E 8 2 9 8 8 (M)		ID1480A-055
2.0	2.5	12	1.0	3.0	15	2.0	1.0	-1.0	12							1.0		B 6	M 1 0 1	UL: E 8 2 9 8 8 (M)		ET1275
2.0	2.5	30	0.6	3.0	12	4.0	0.6	-0.6	30	1.5	30	0.6	30	-6	50	0.62	1.6	B 9	M 1 0 2	UL: E 8 2 9 8 8		ETG81-050A
2.0	2.5	50	1.0	3.0	12	4.0	1.0	-1.0	50	1.5	50	0.4	50	-6	50	0.41	1.3	B 9	M 1 0 2	UL: E 8 2 9 8 8 (M)		ETK81-050
2.0	2.5	75	2.0	2.0	10	2.5	2.0	-2.0	75	1.5	75	0.6	75	-6	75	0.35	0.85	B 9	M 1 0 2			ETK85-050
2.0	2.5	100	2.0	3.0	10	3.0	2.0	-2.0	100	1.5	100	0.6	100	-6	100	0.21	0.65	B 1 0	M 1 0 3			ETL81-050

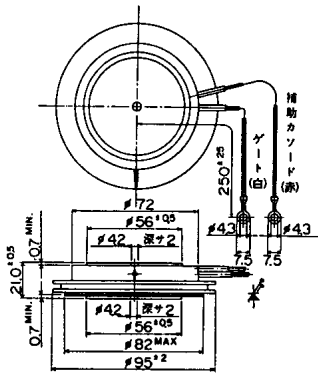
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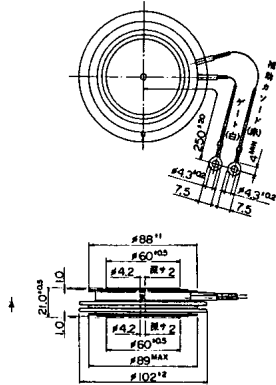
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〈寸法図単位:mm〉

FD-9

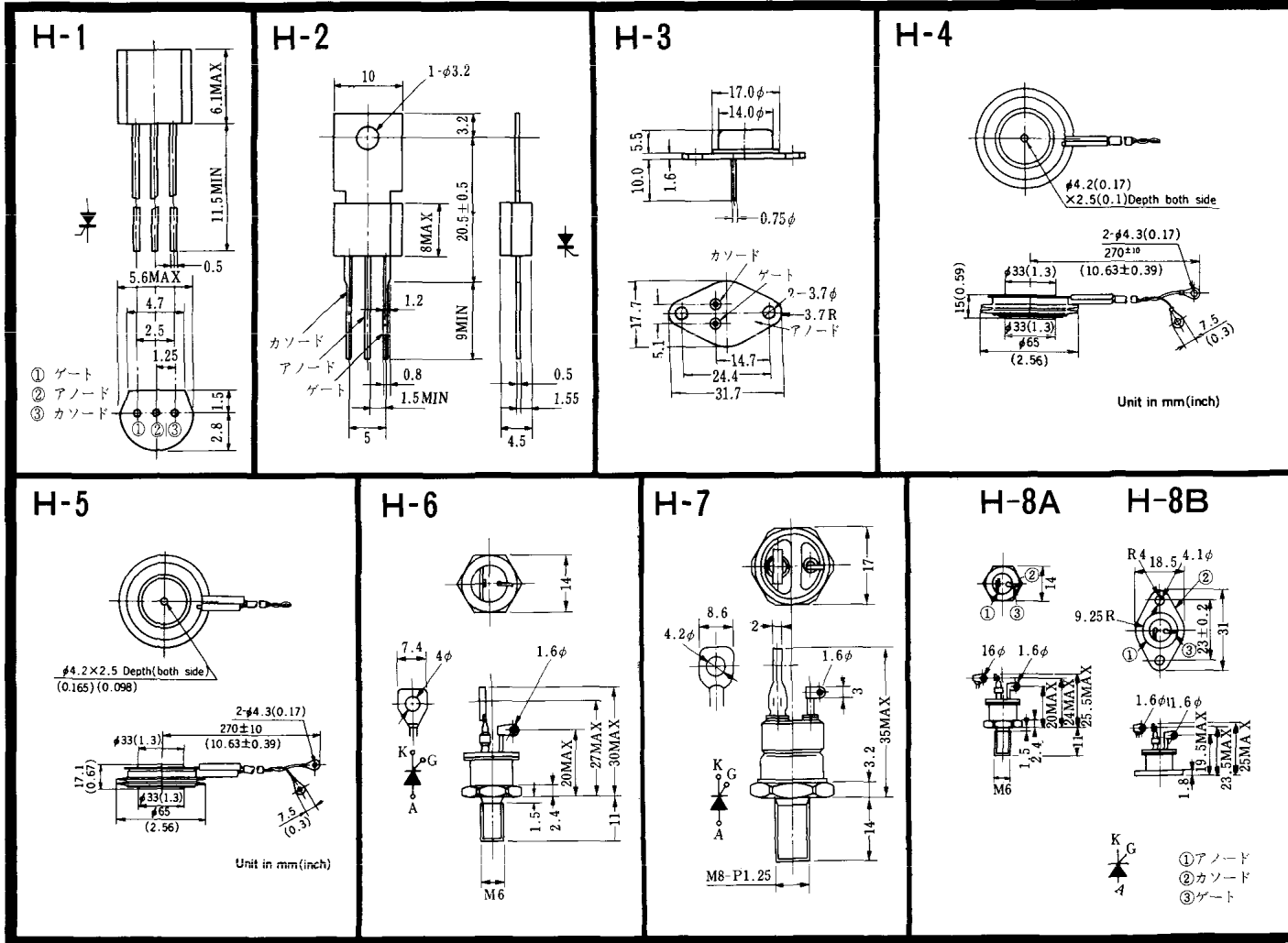


FD-10



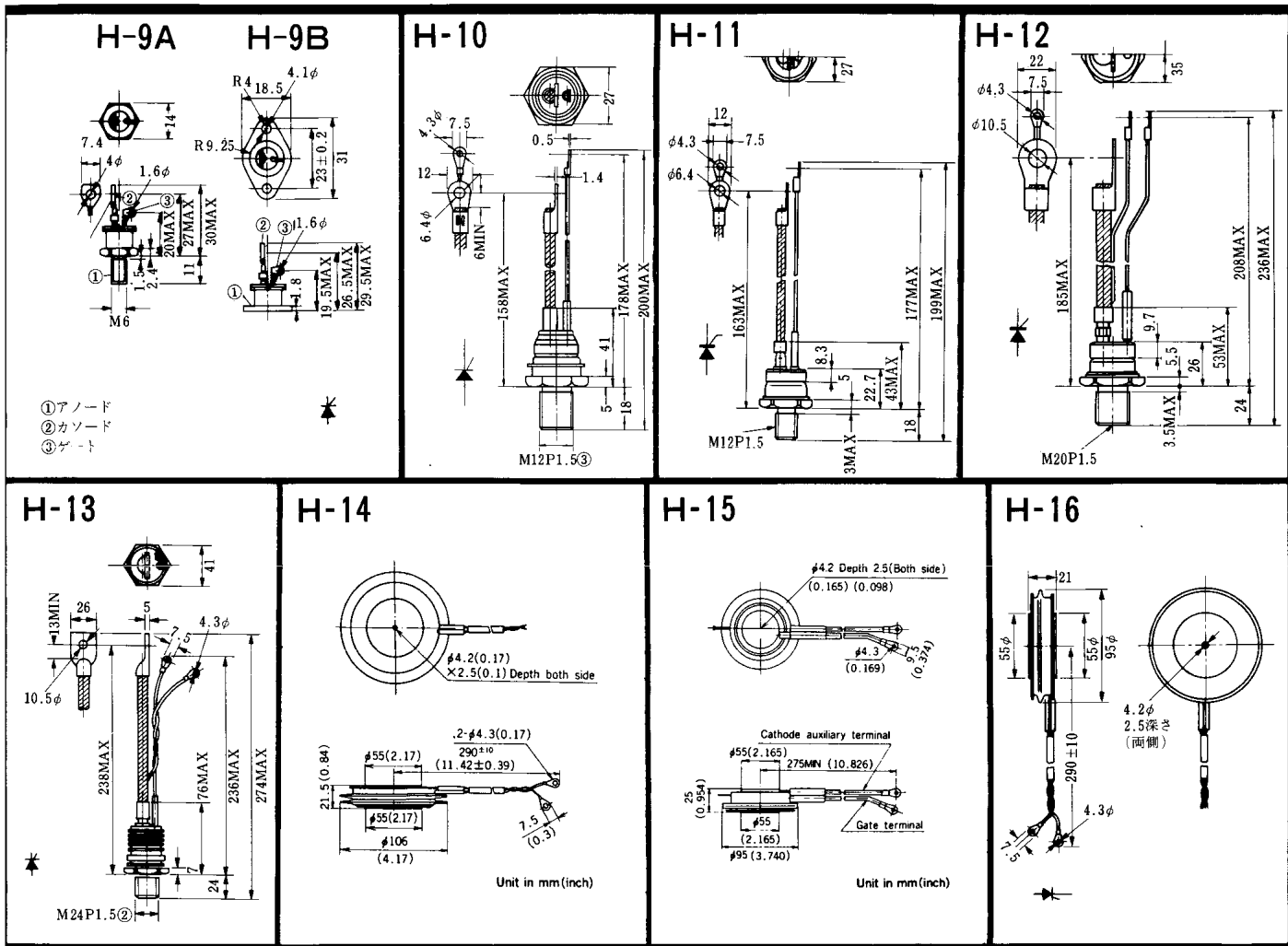
FD-11

FD-12



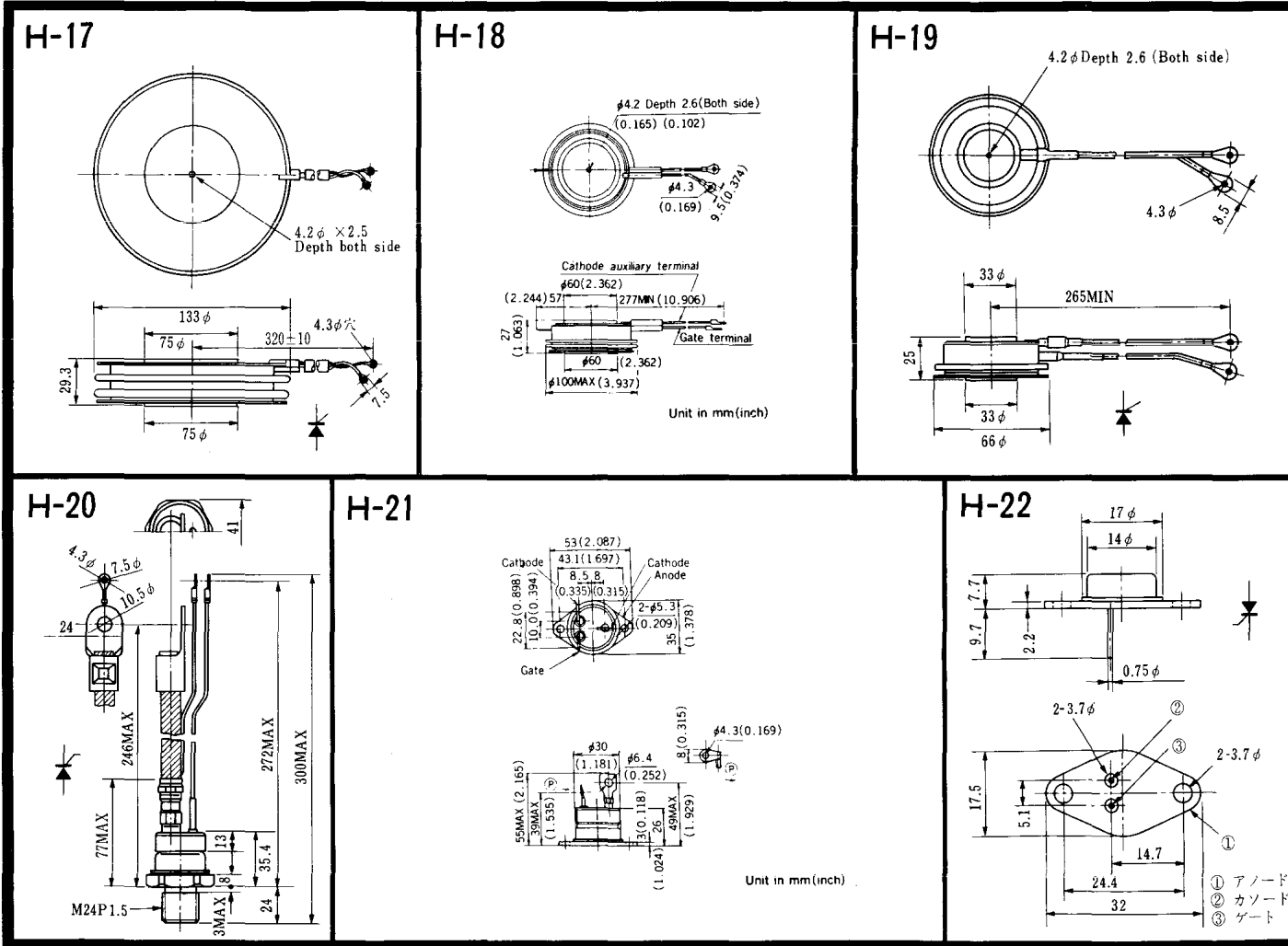
〈寸法図単位：mm〉

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



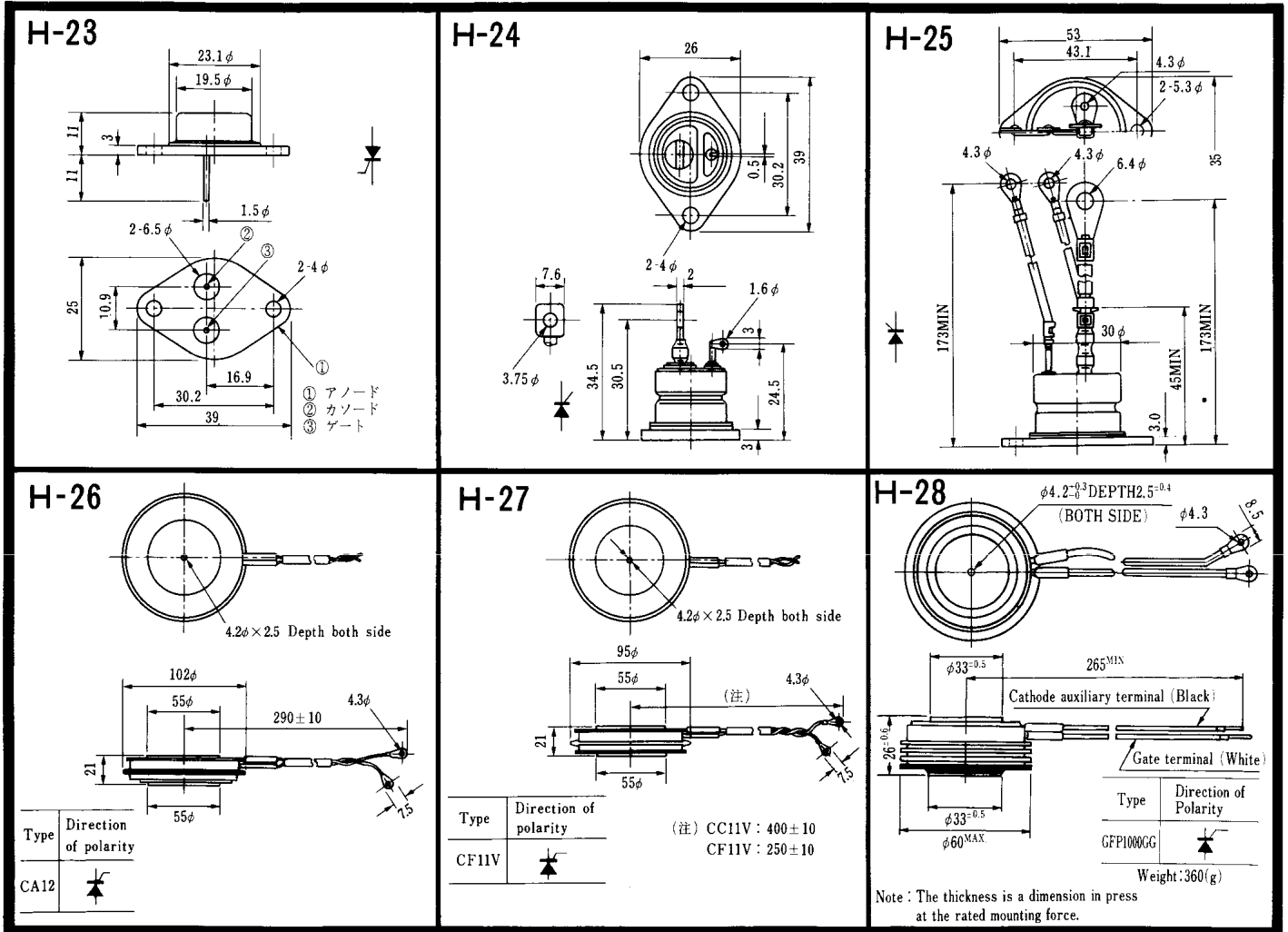
《寸法図単位：mm》

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



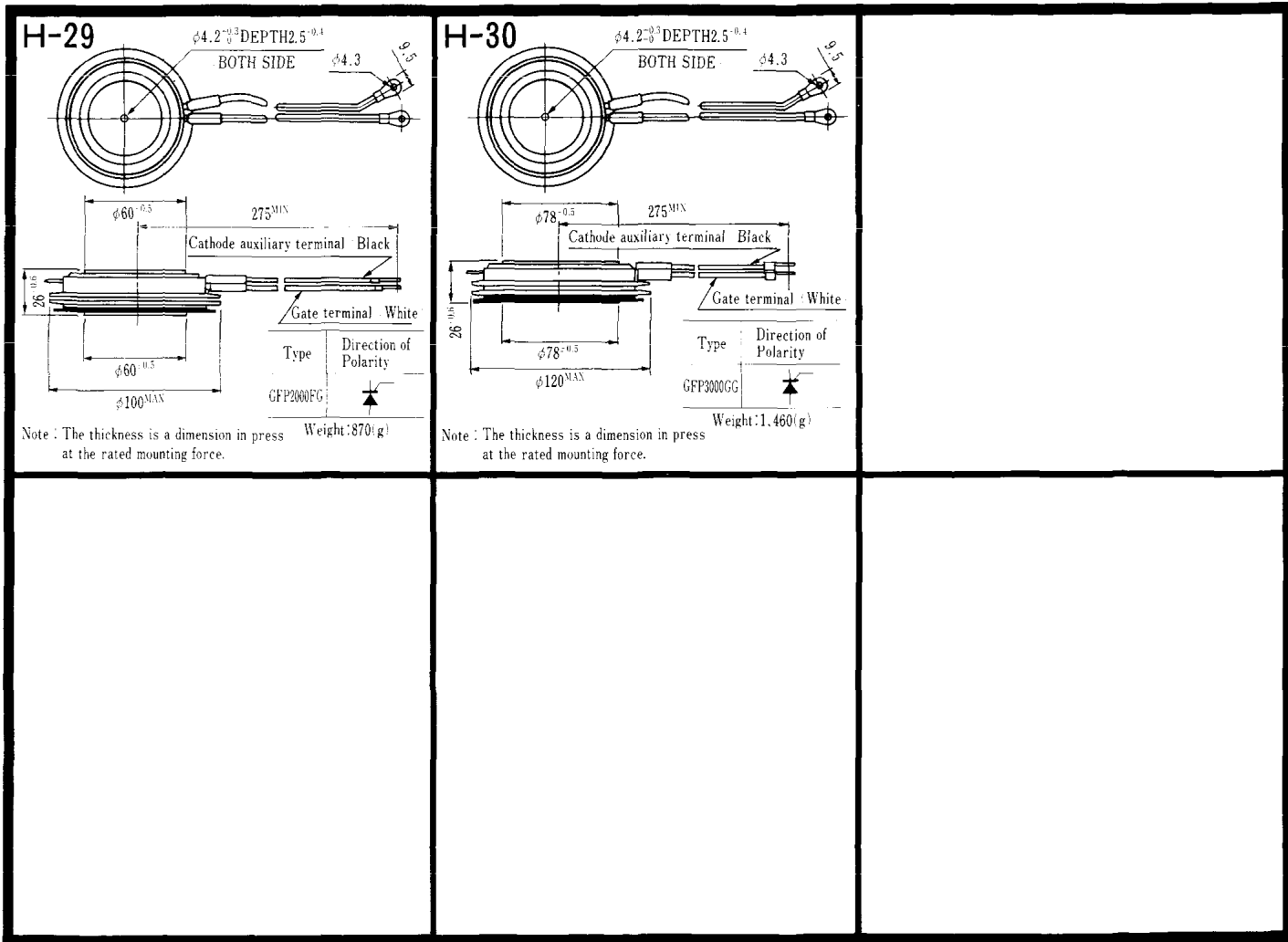
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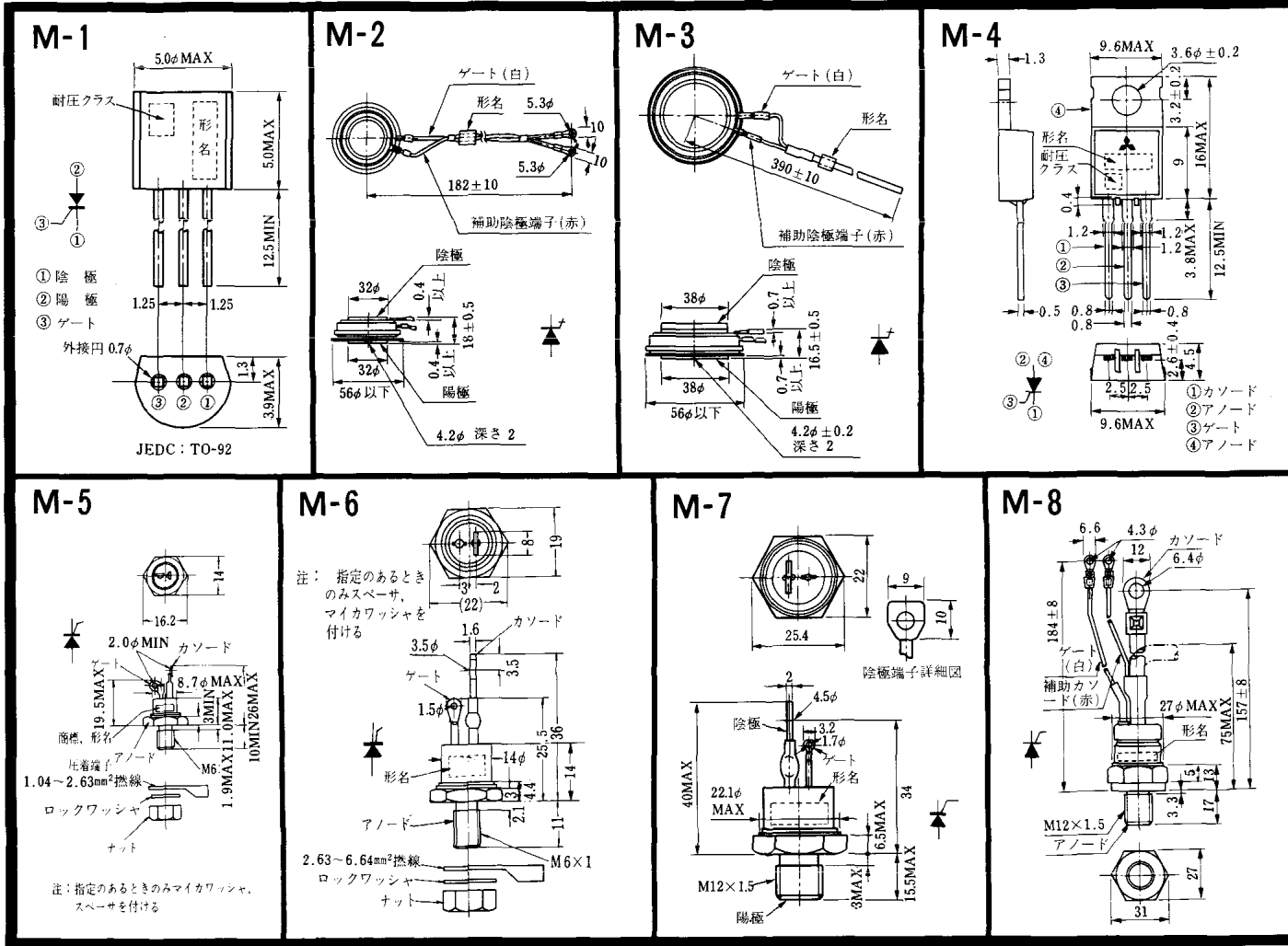
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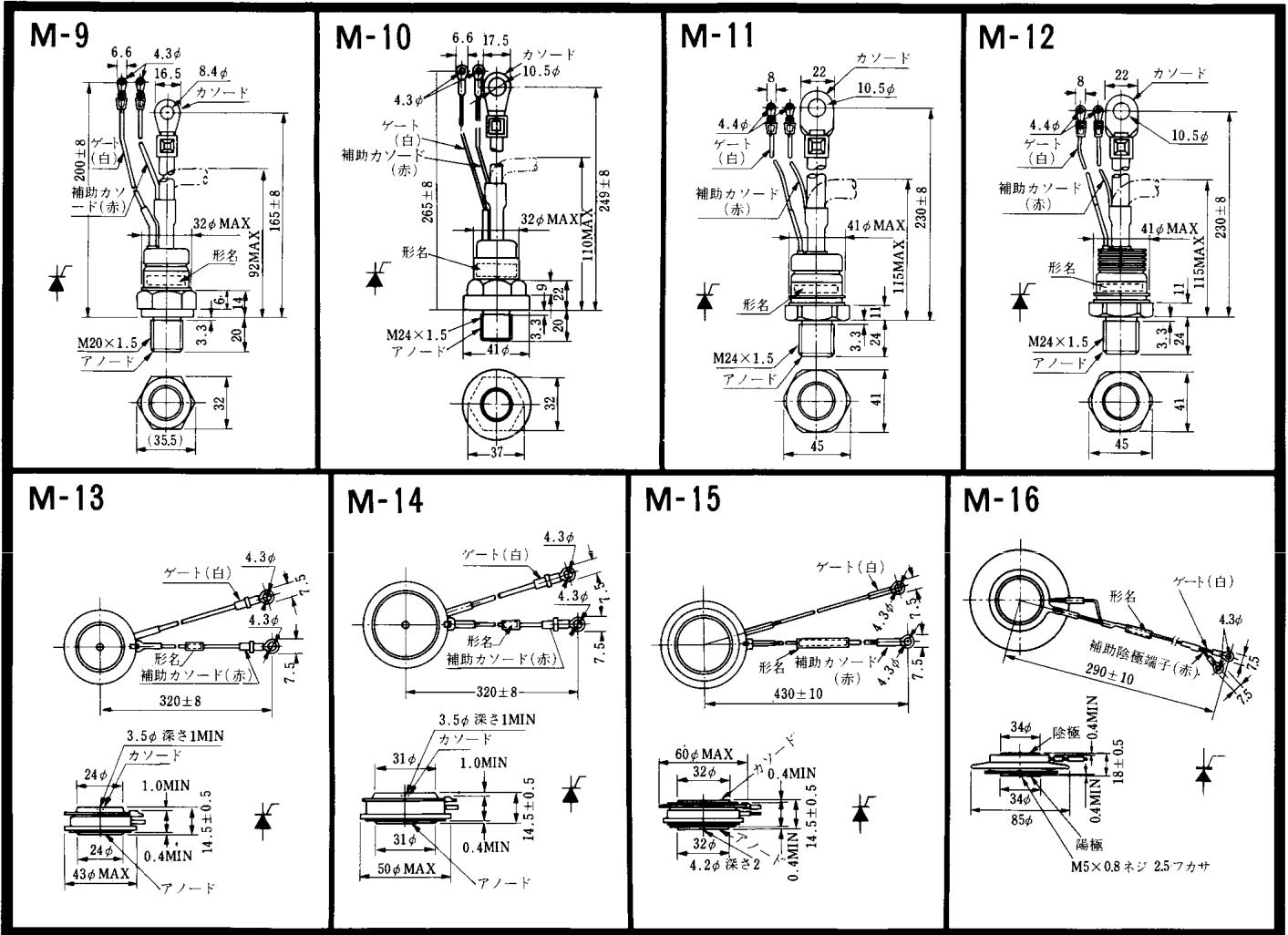
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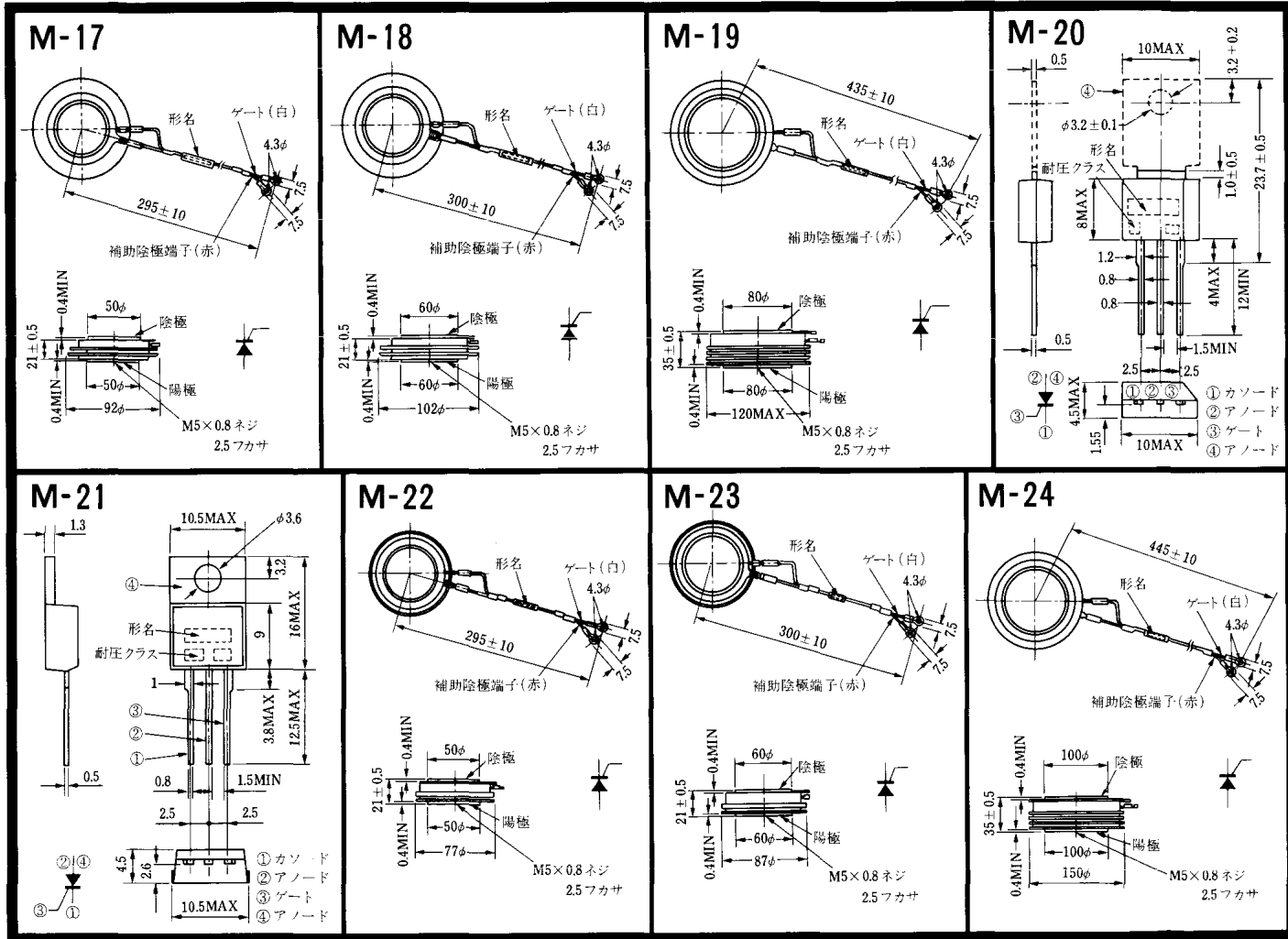
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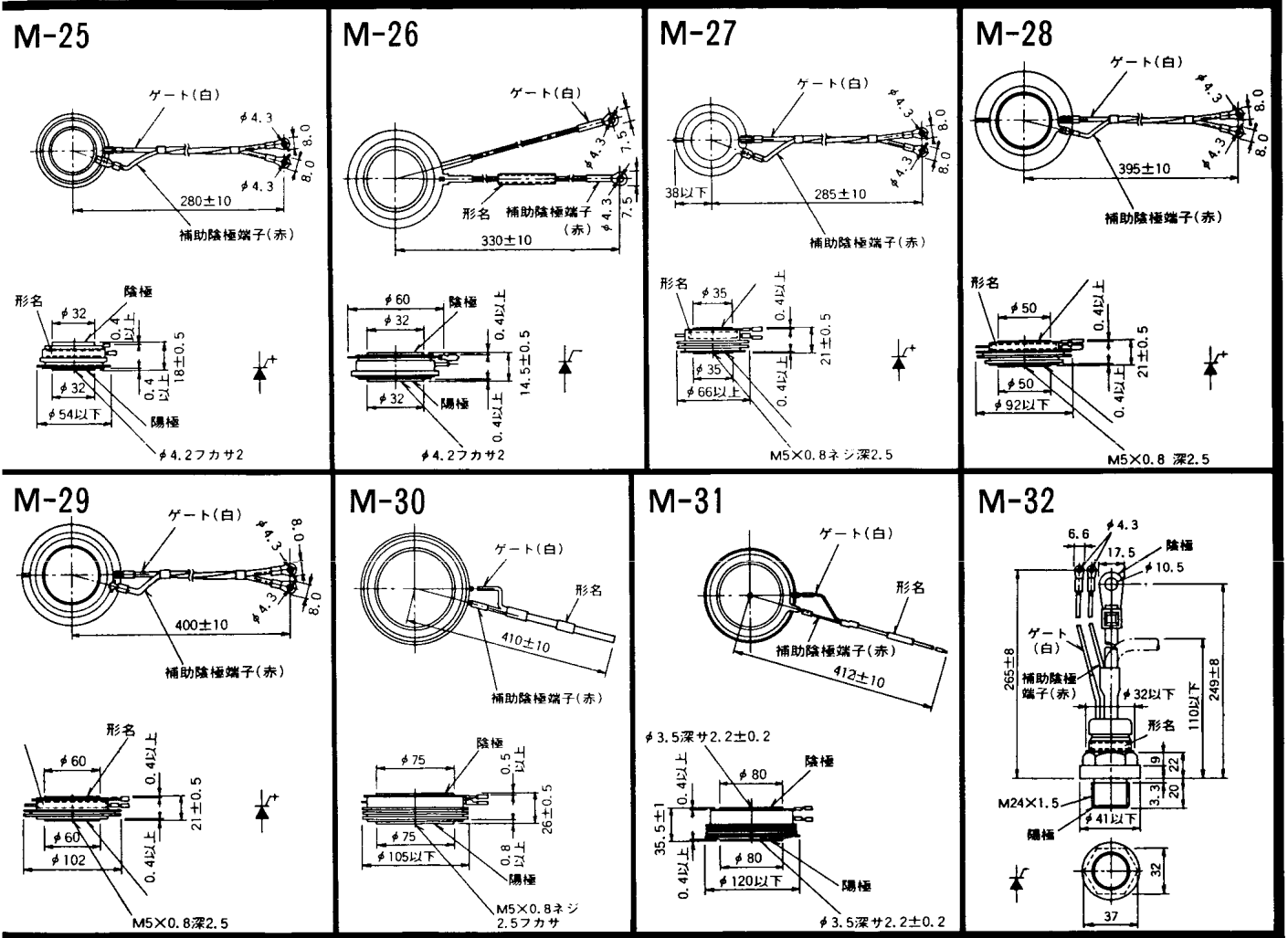
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《寸法図単位：mm》

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

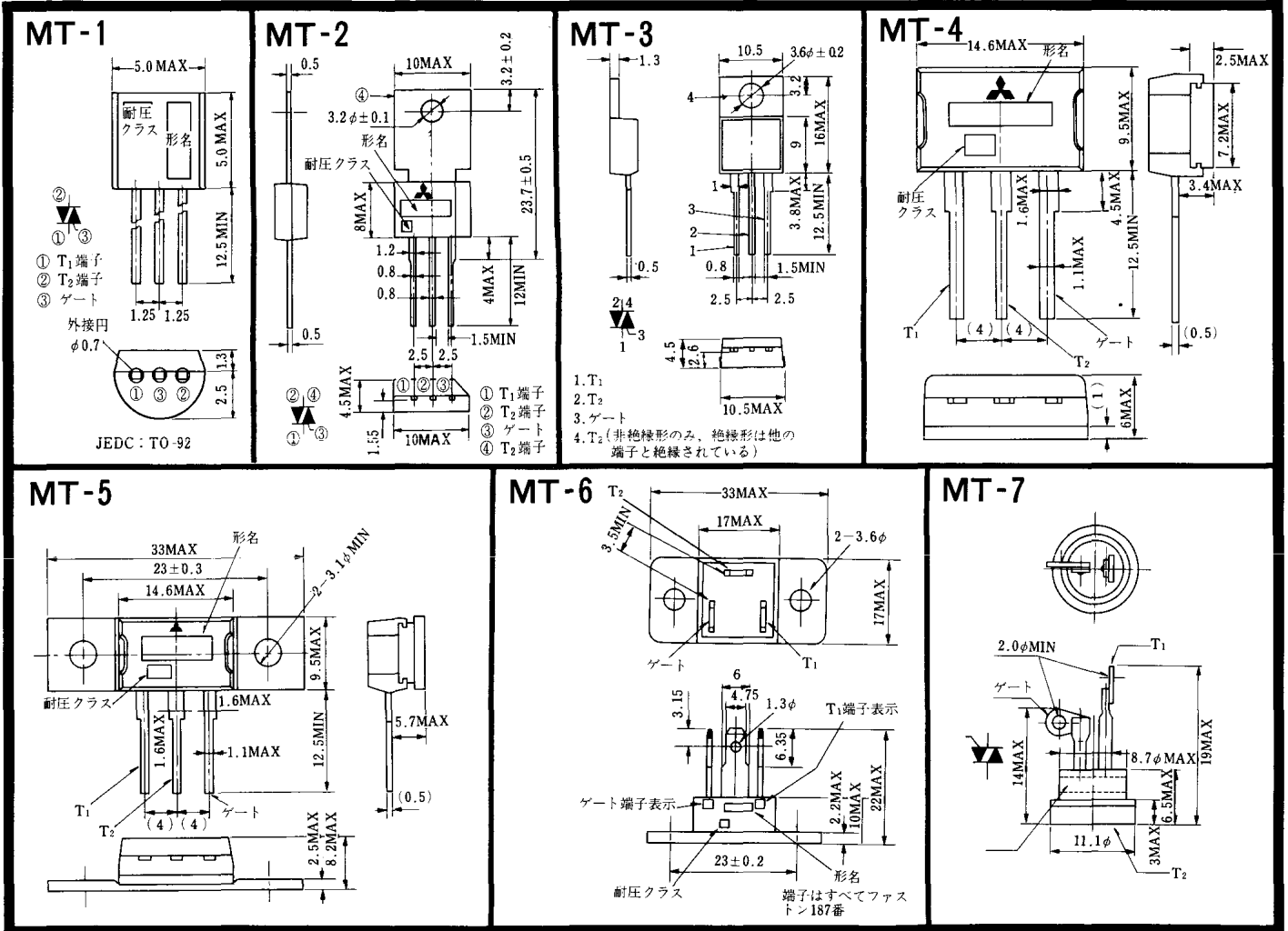


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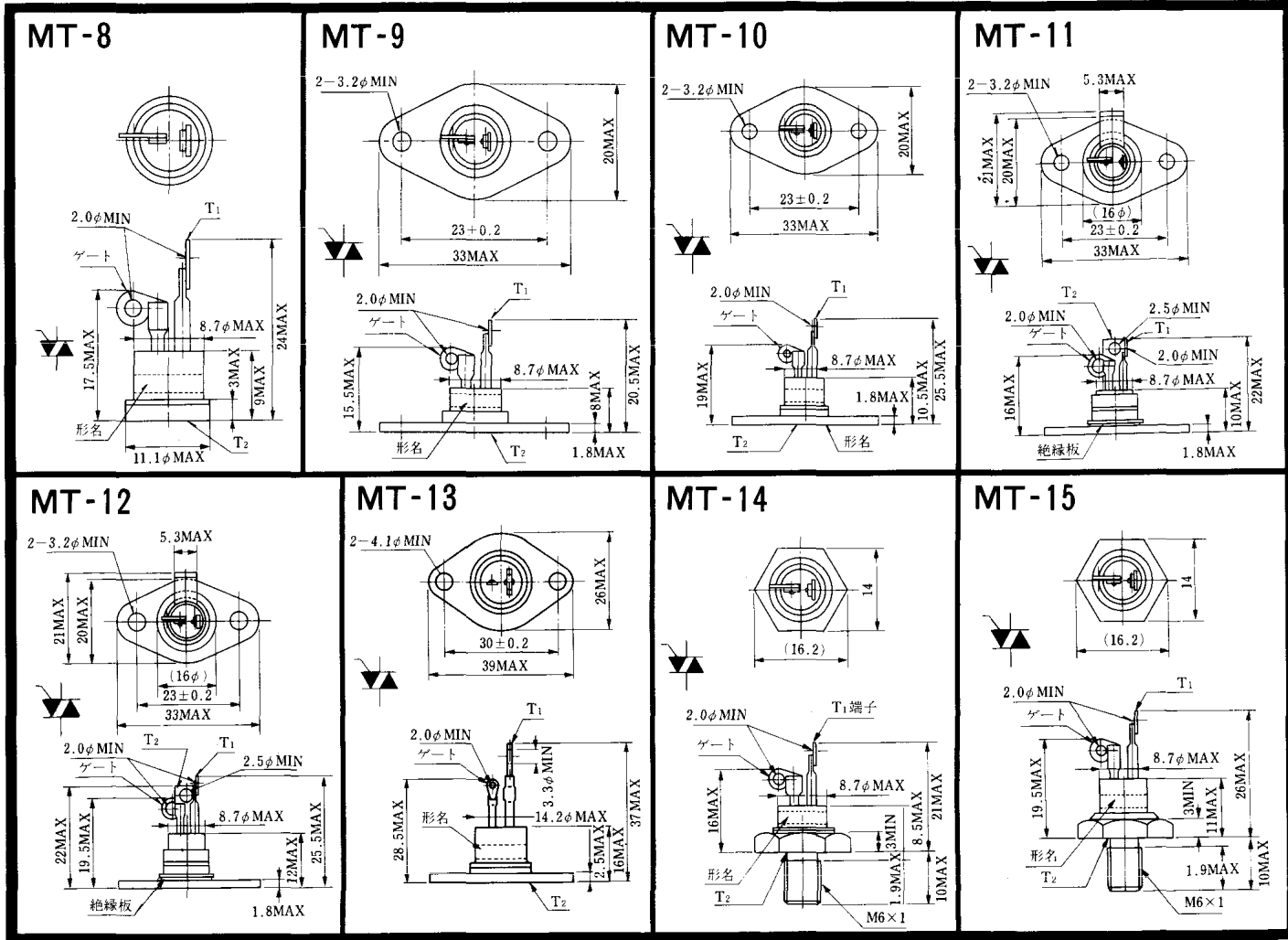
<p>M-33</p>	<p>M-34</p> <p>TO-202</p>		

〈寸法図単位:mm〉



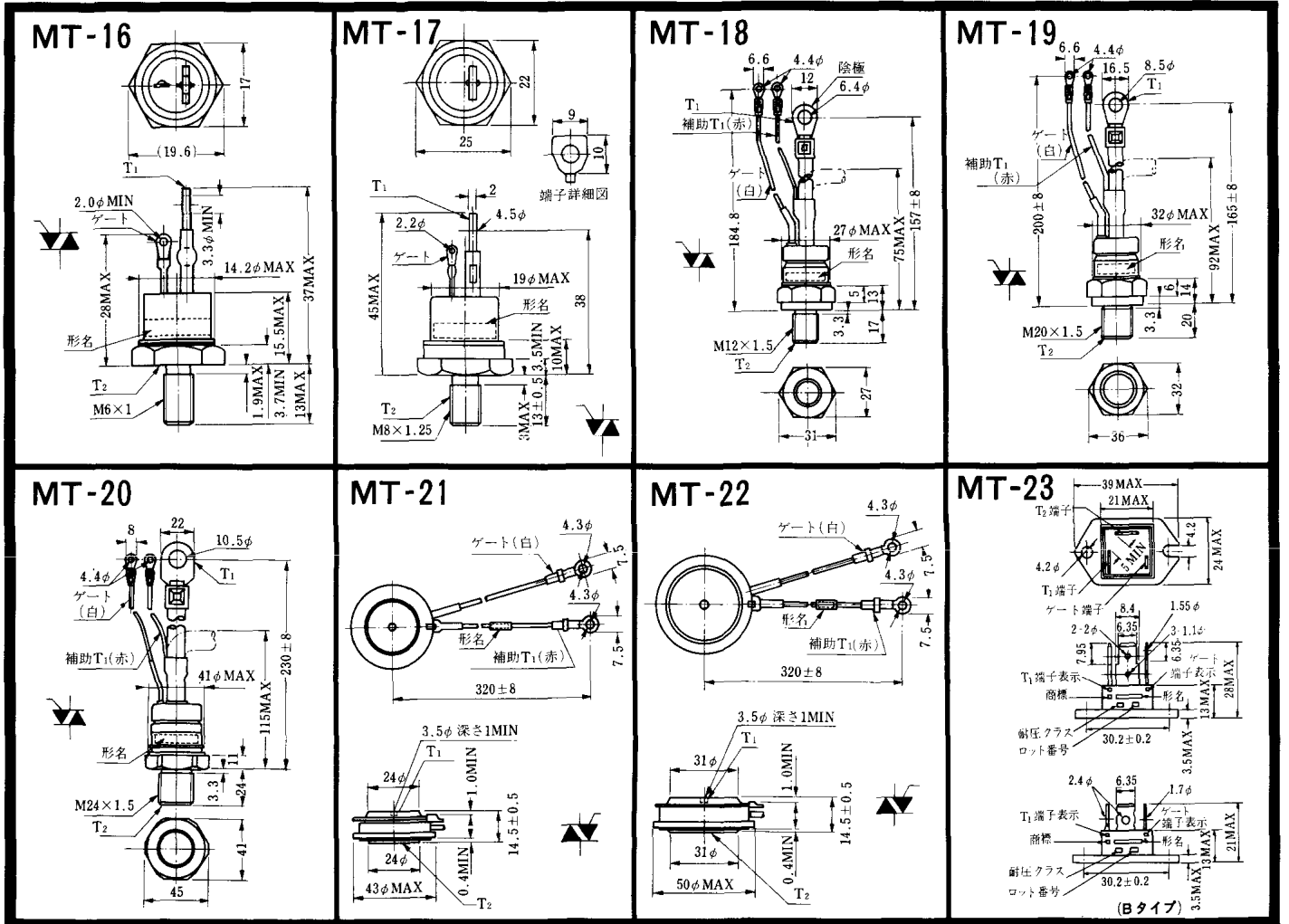
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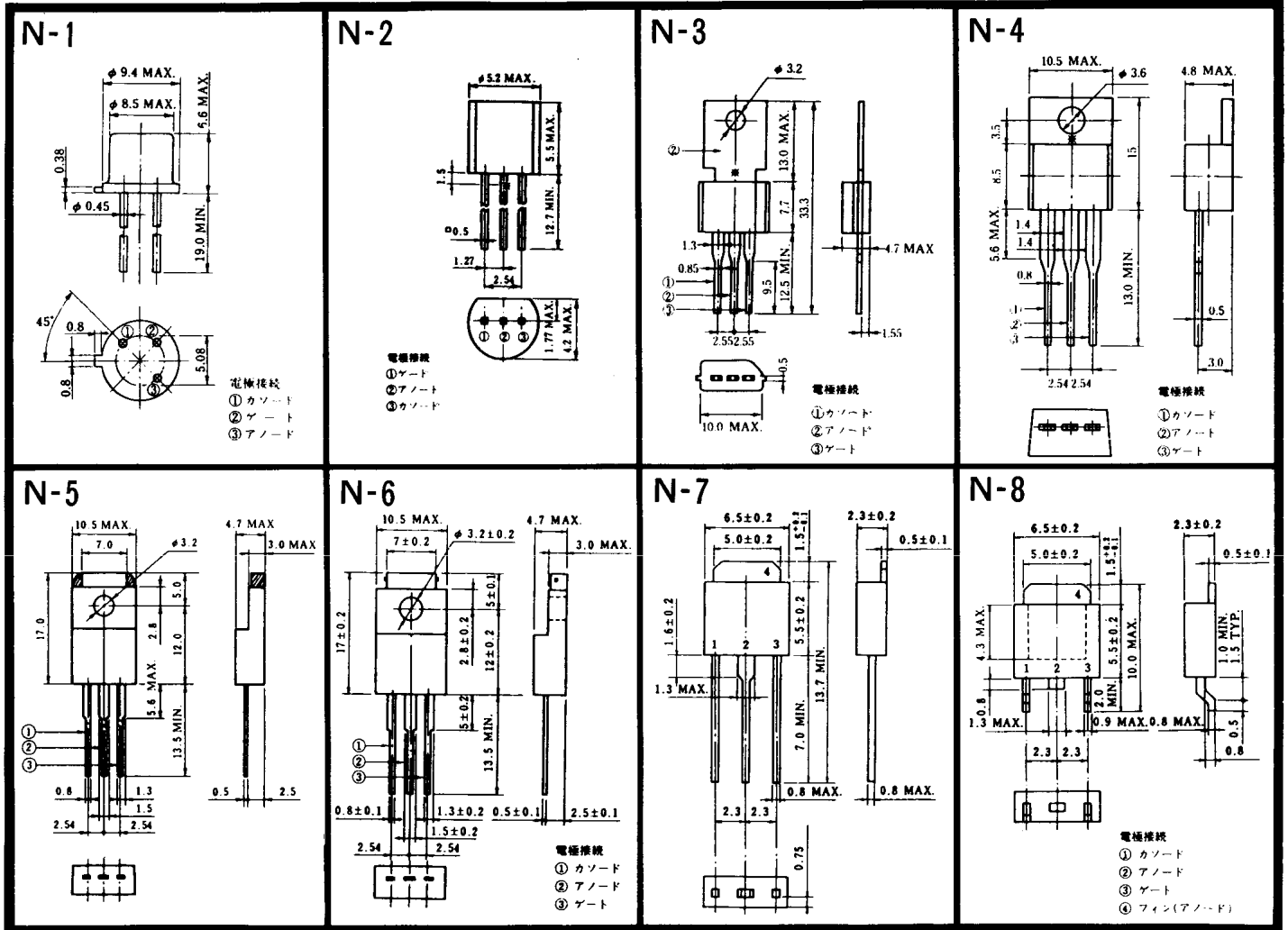
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<http://store.iic.cc/>



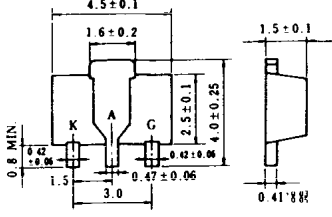
〈寸法図単位：mm〉

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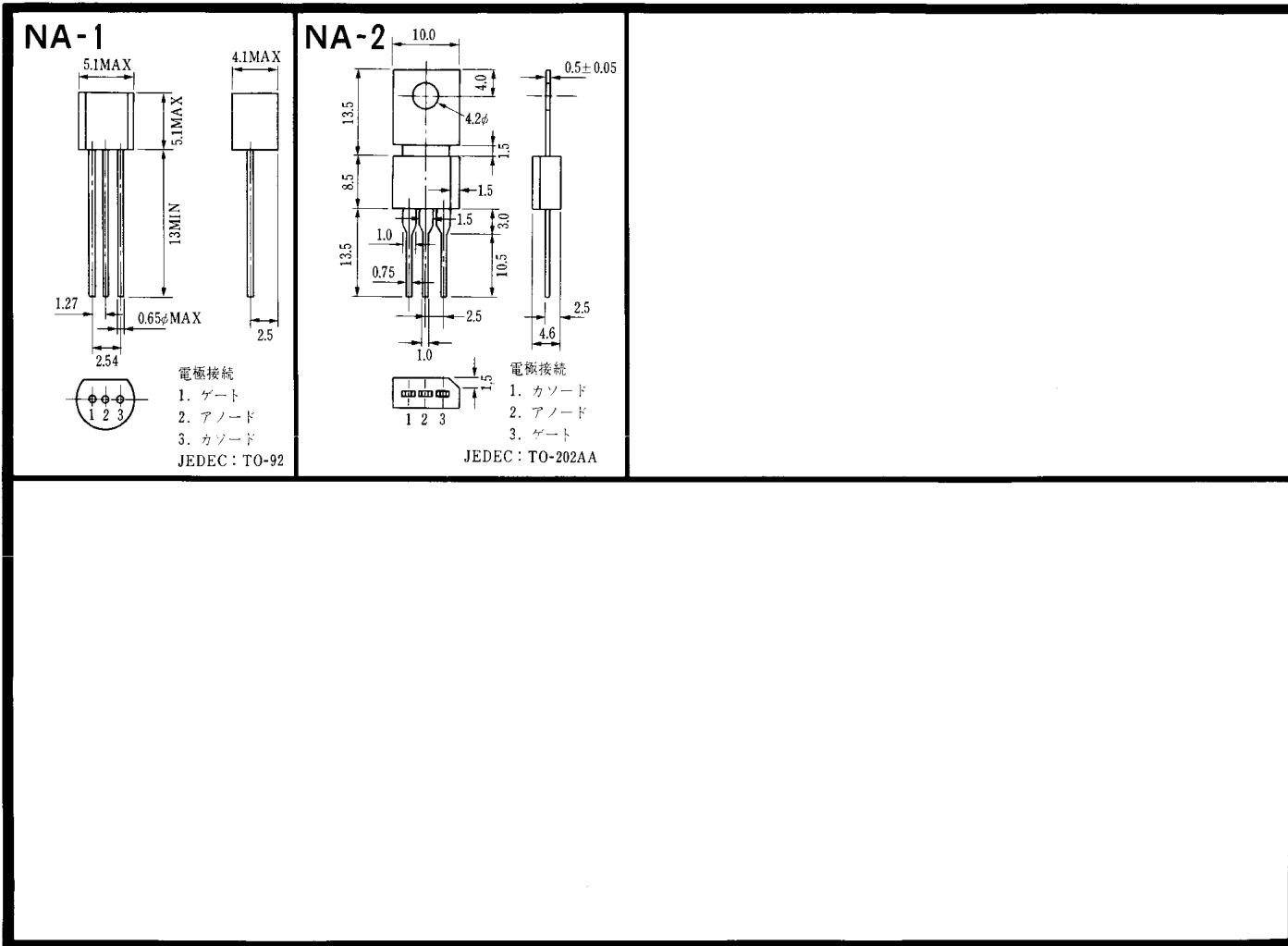
〈寸法図単位:mm〉

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

<p>N-9</p>  <p>電極接続 K:カソード A:アノード G:ゲート</p>			

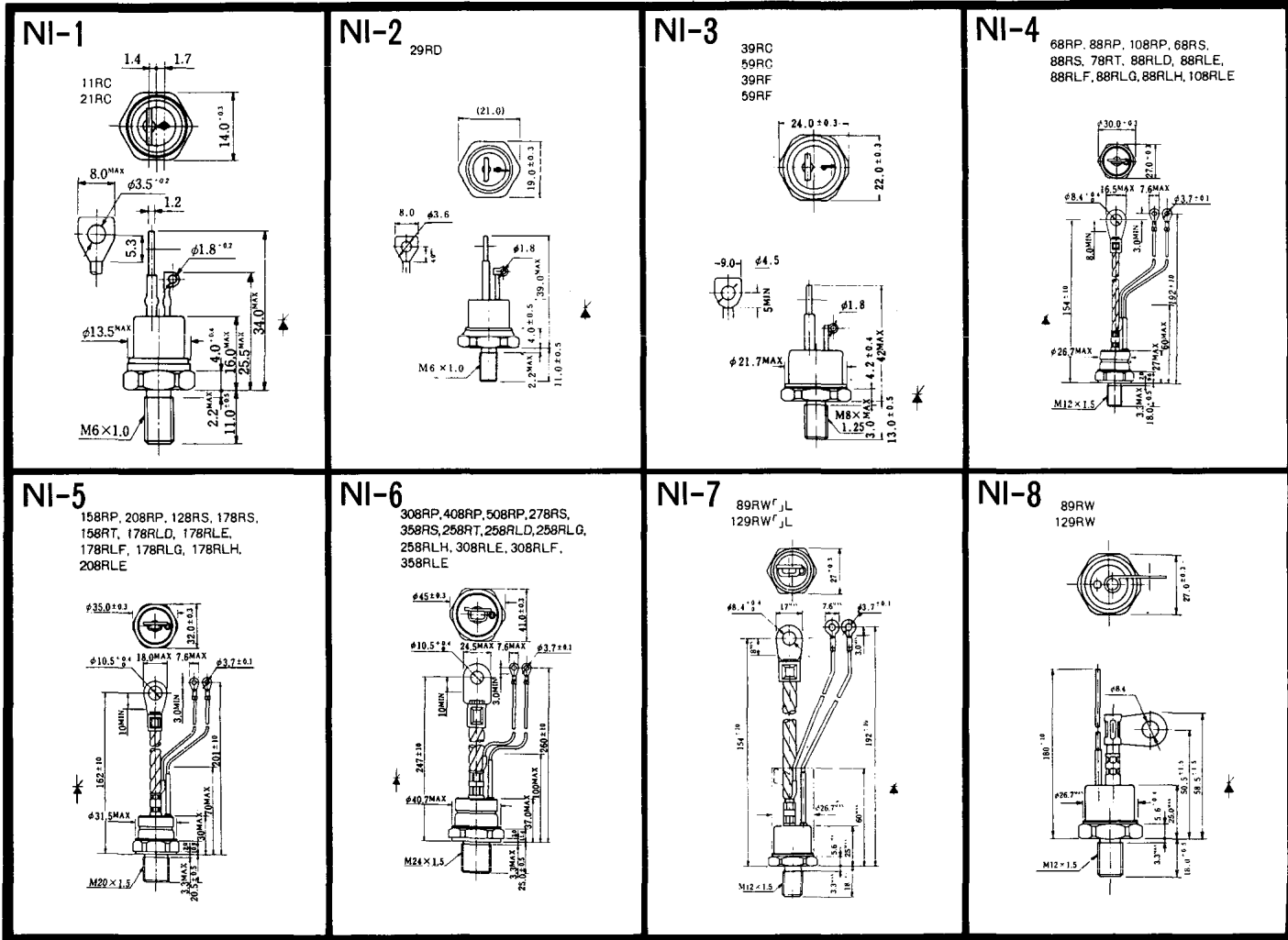
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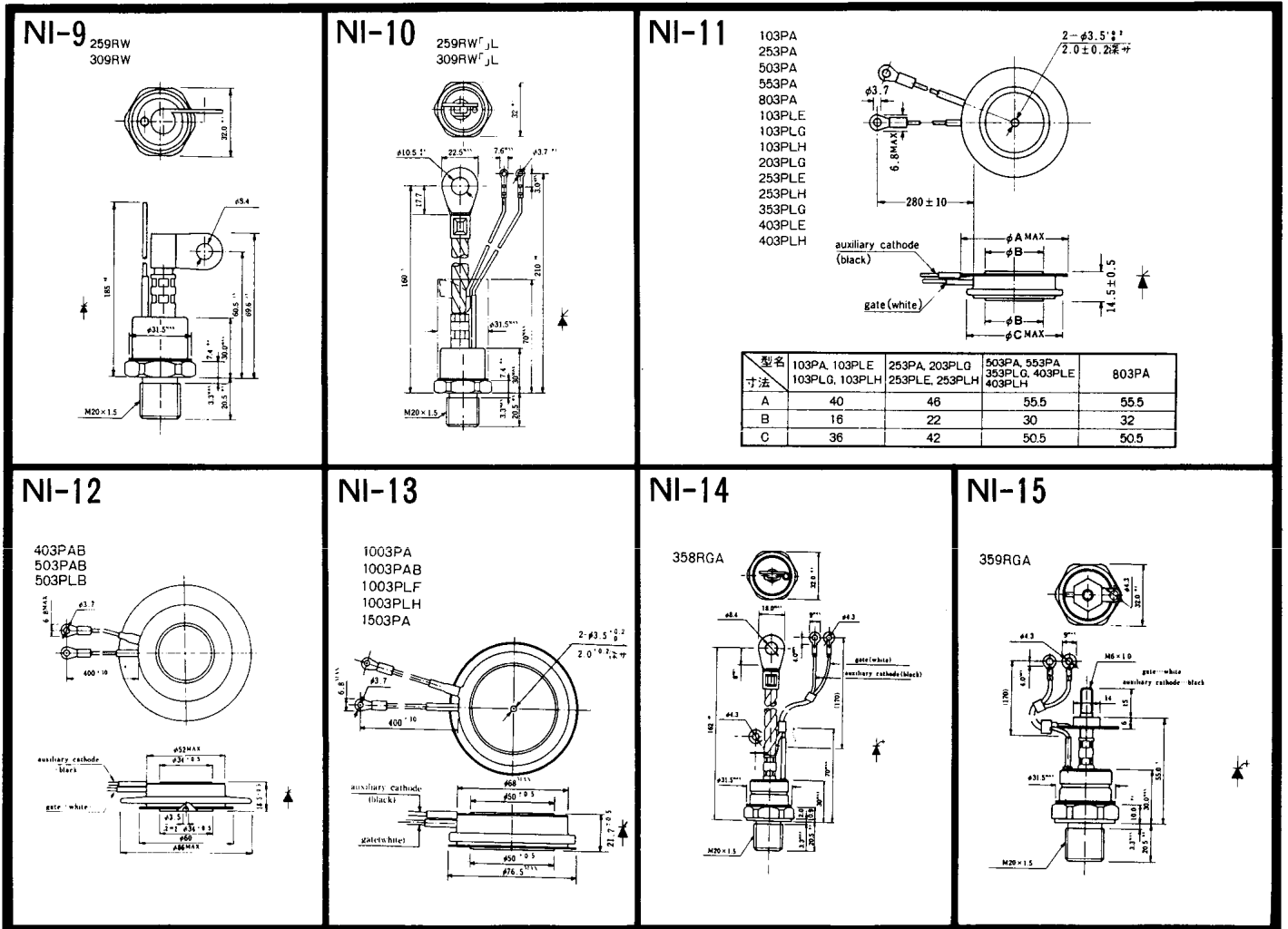
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<http://store.iiic.cc/>



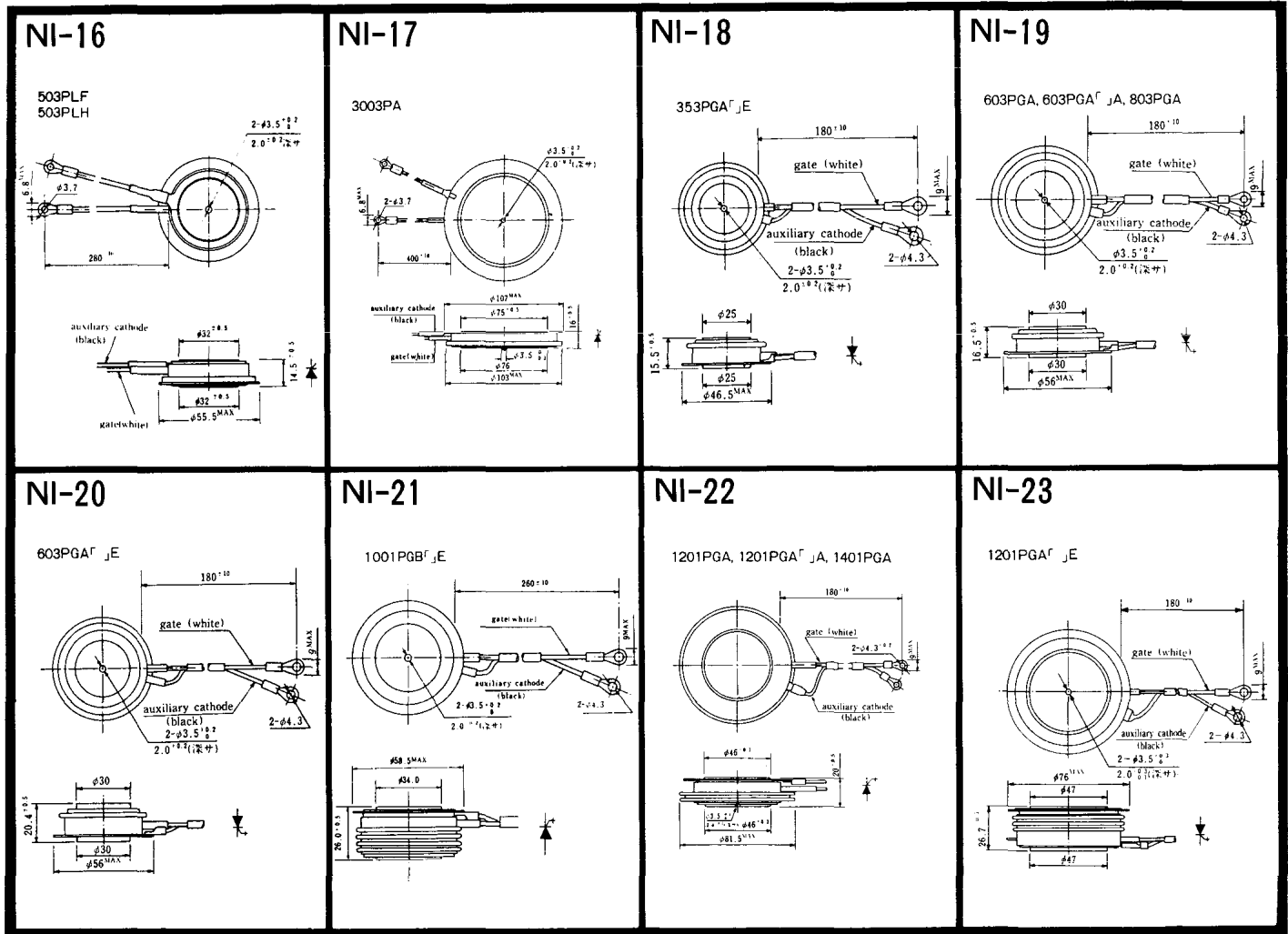
〈寸法図単位:mm〉

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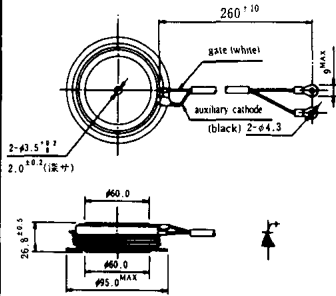
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<http://store.iicc.cc/>



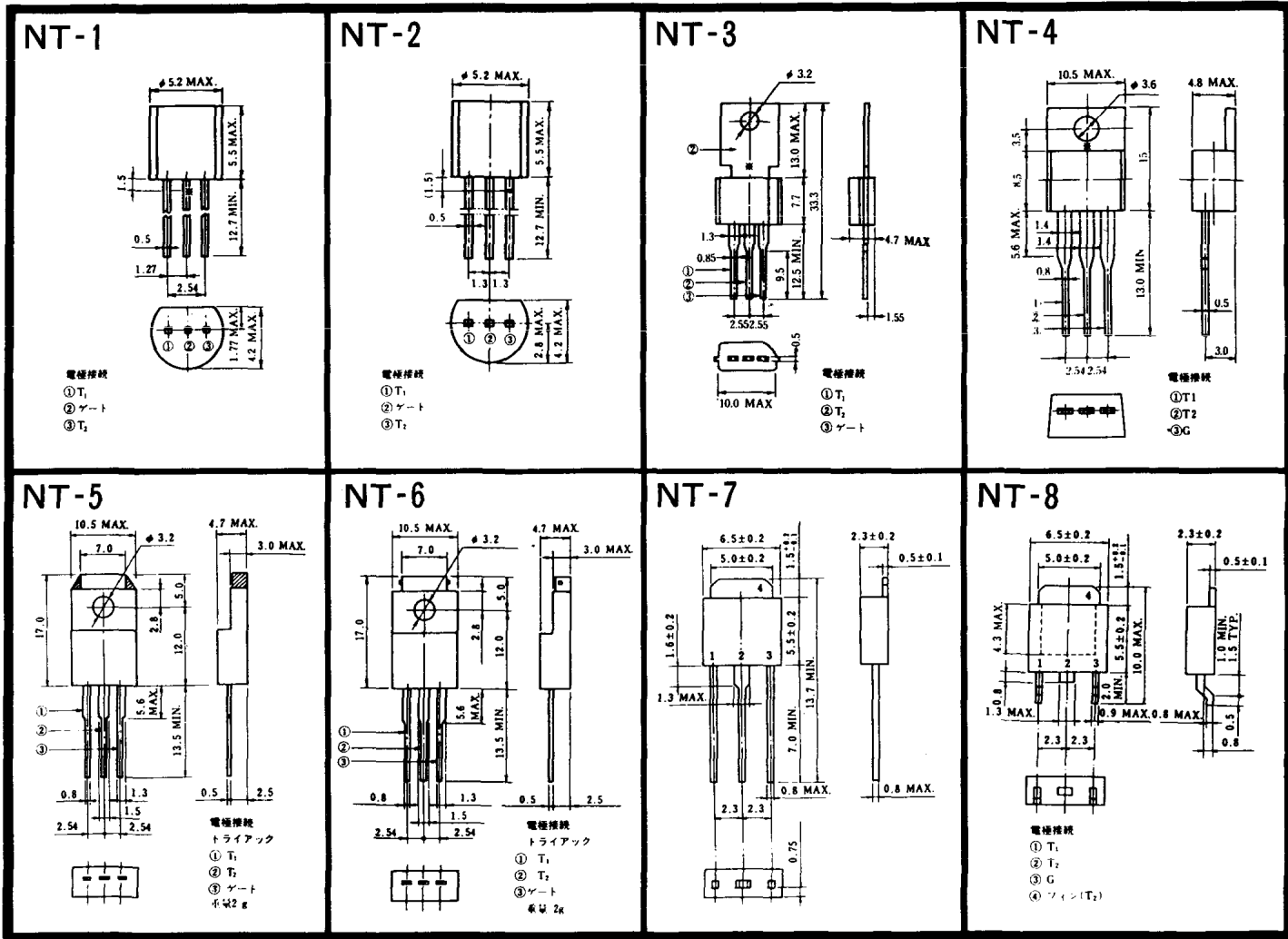
《寸法图单位:mm》

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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 260^{+10} mm. It features a central gate labeled "gate (white)" and an auxiliary cathode labeled "auxiliary cathode (black) 2-$\phi 4.3$". There are two sets of pins: "2-$\phi 3.5^{+0.1}$" and "2.0$^{+0.2}$ (深中)". The side view shows a length of $26.0^{+0.5}$ mm, a diameter of $\phi 60.0$ mm, and a maximum diameter of $\phi 95.0$ MAX. A small arrow symbol is also present.</p>			

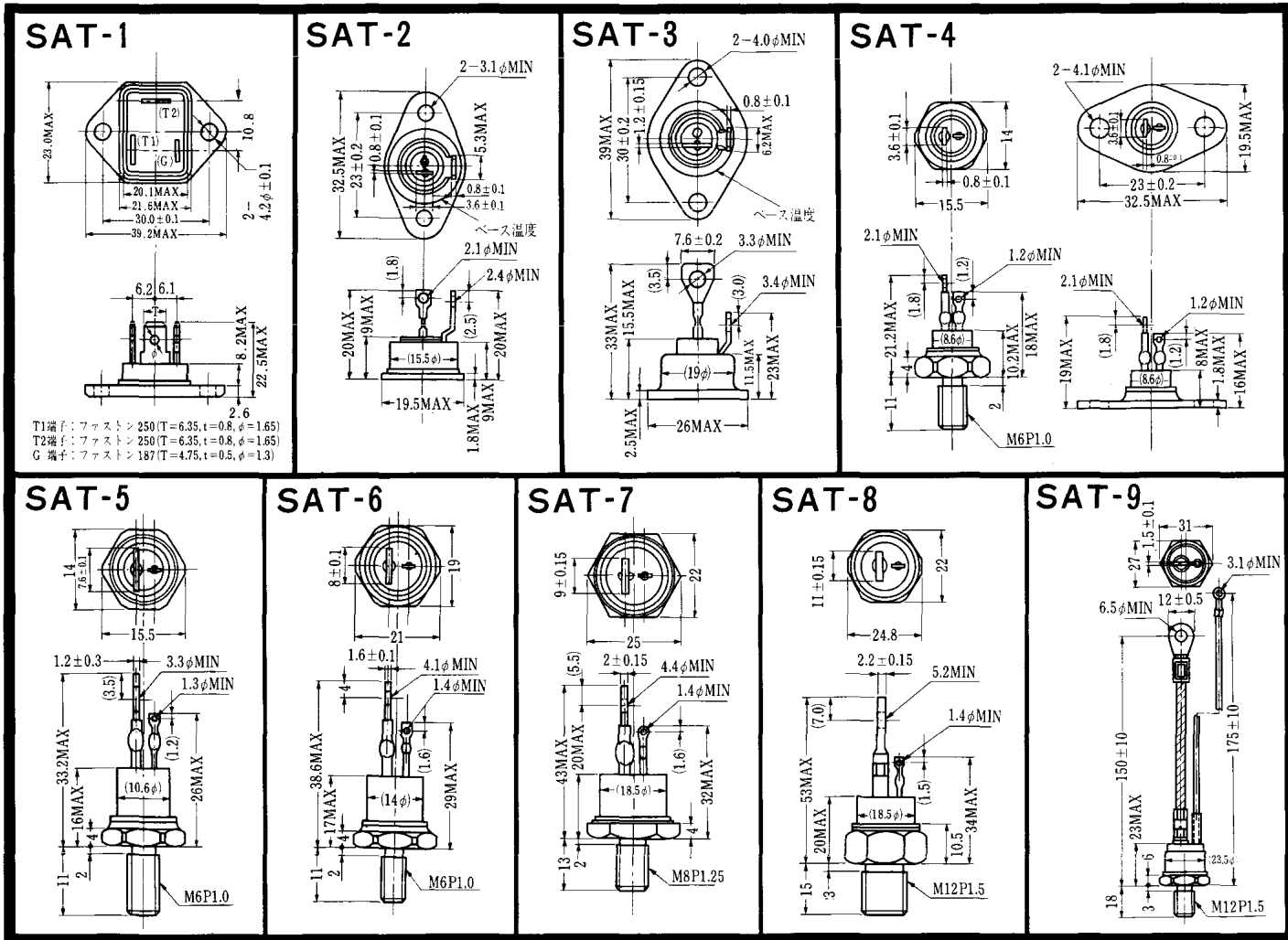
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《寸法图单位:mm》



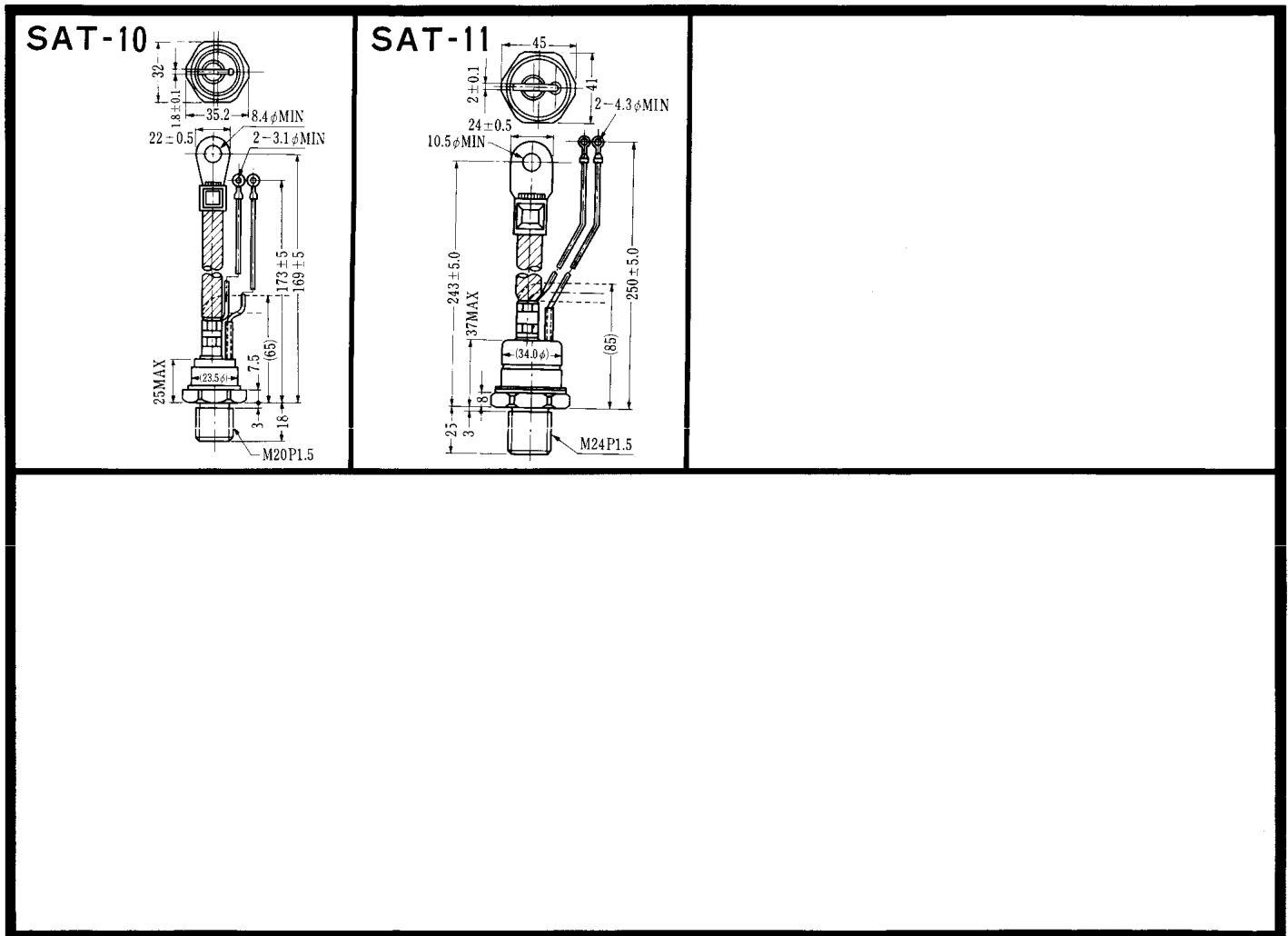
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〈寸法図単位:mm〉



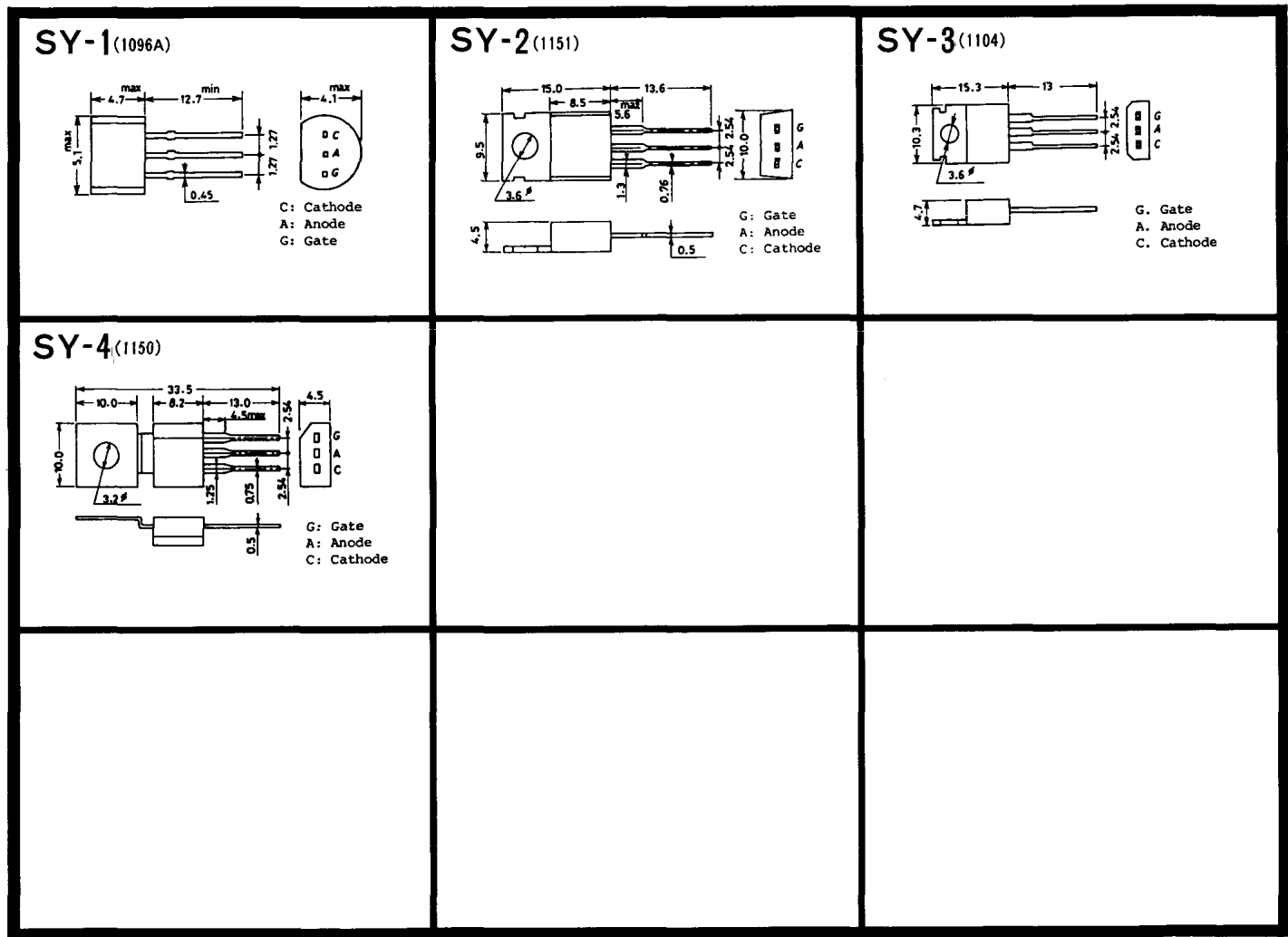
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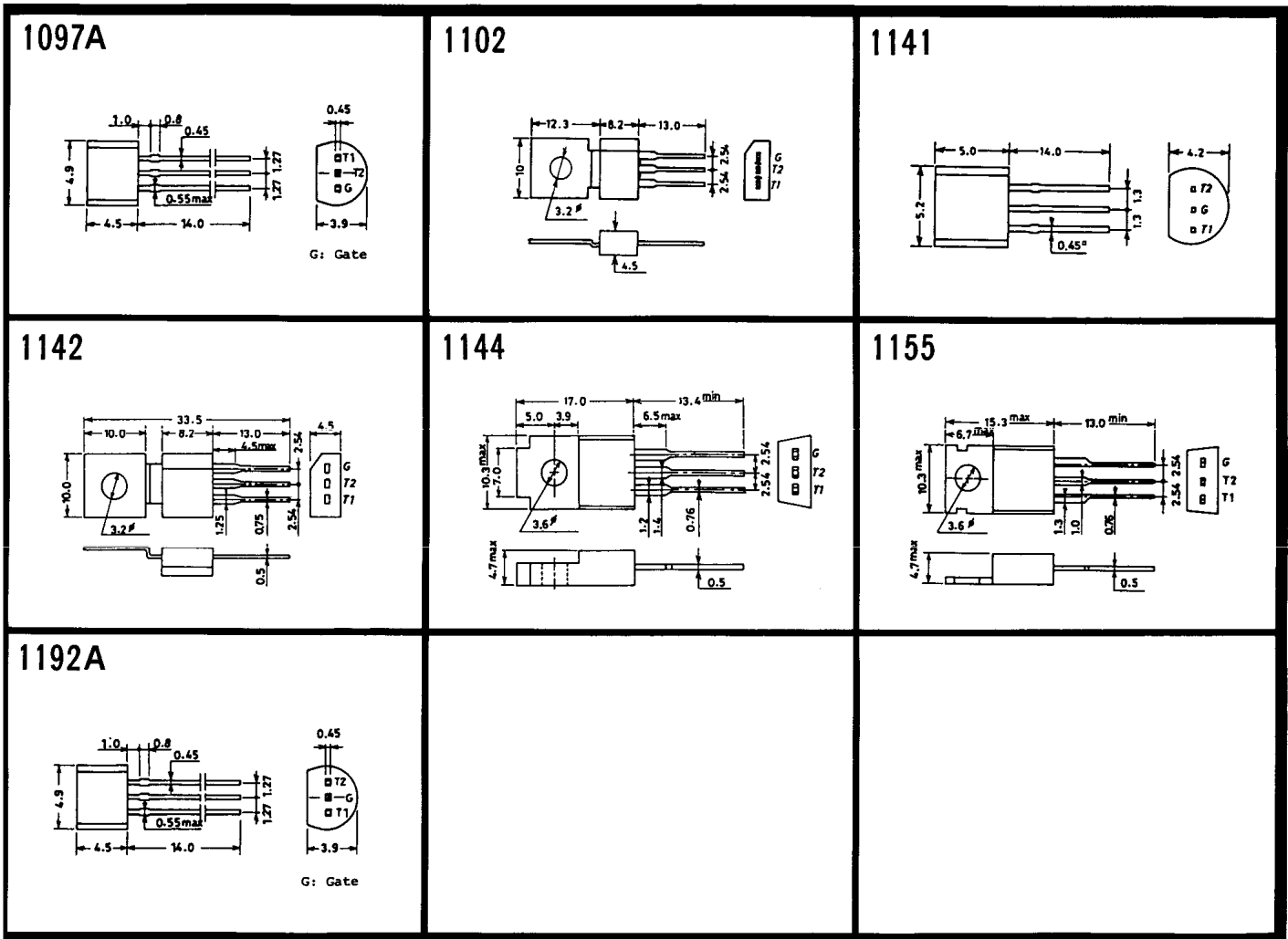
《寸法図単位: mm》

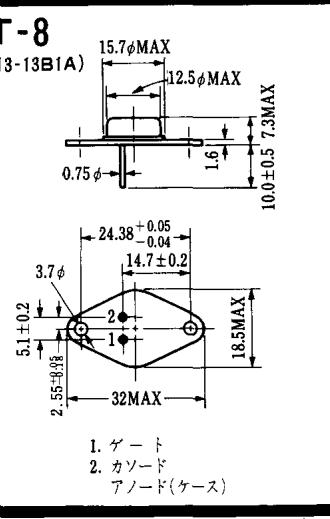
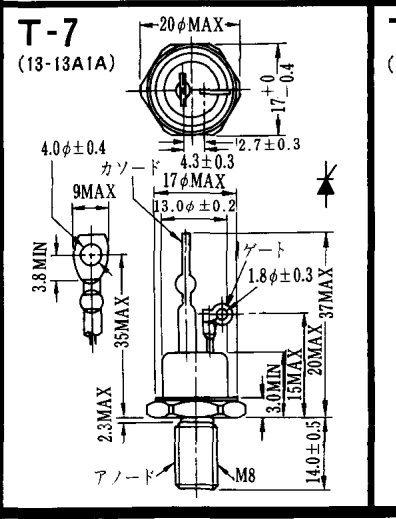
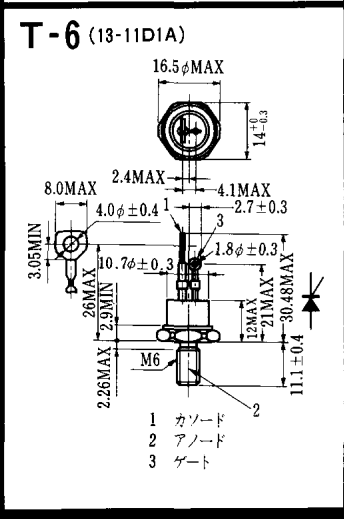
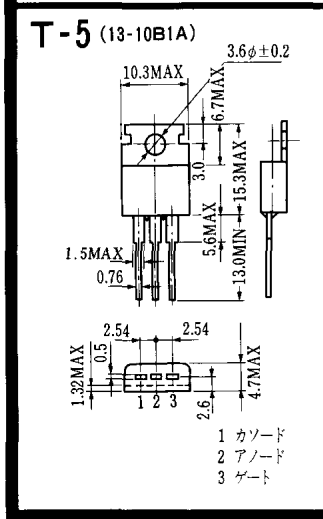
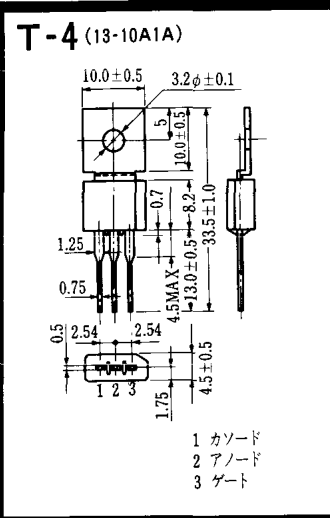
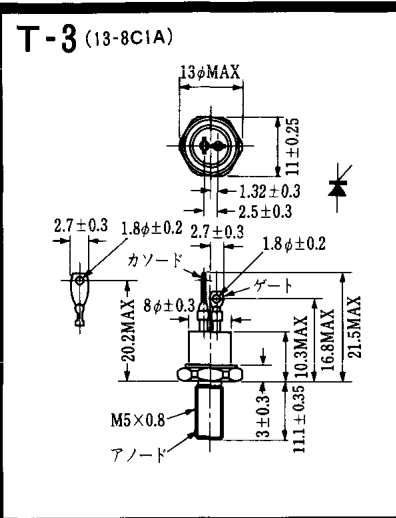
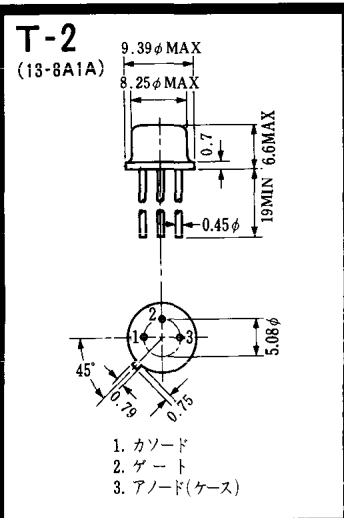
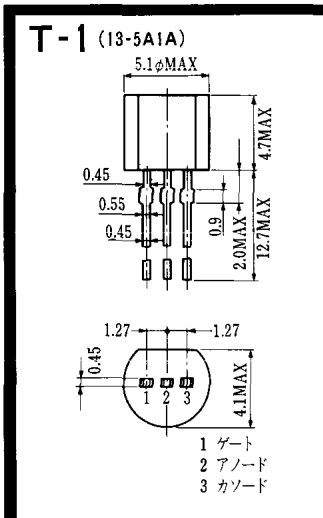


<http://store.iic.cc/>

《寸法図單位：mm》

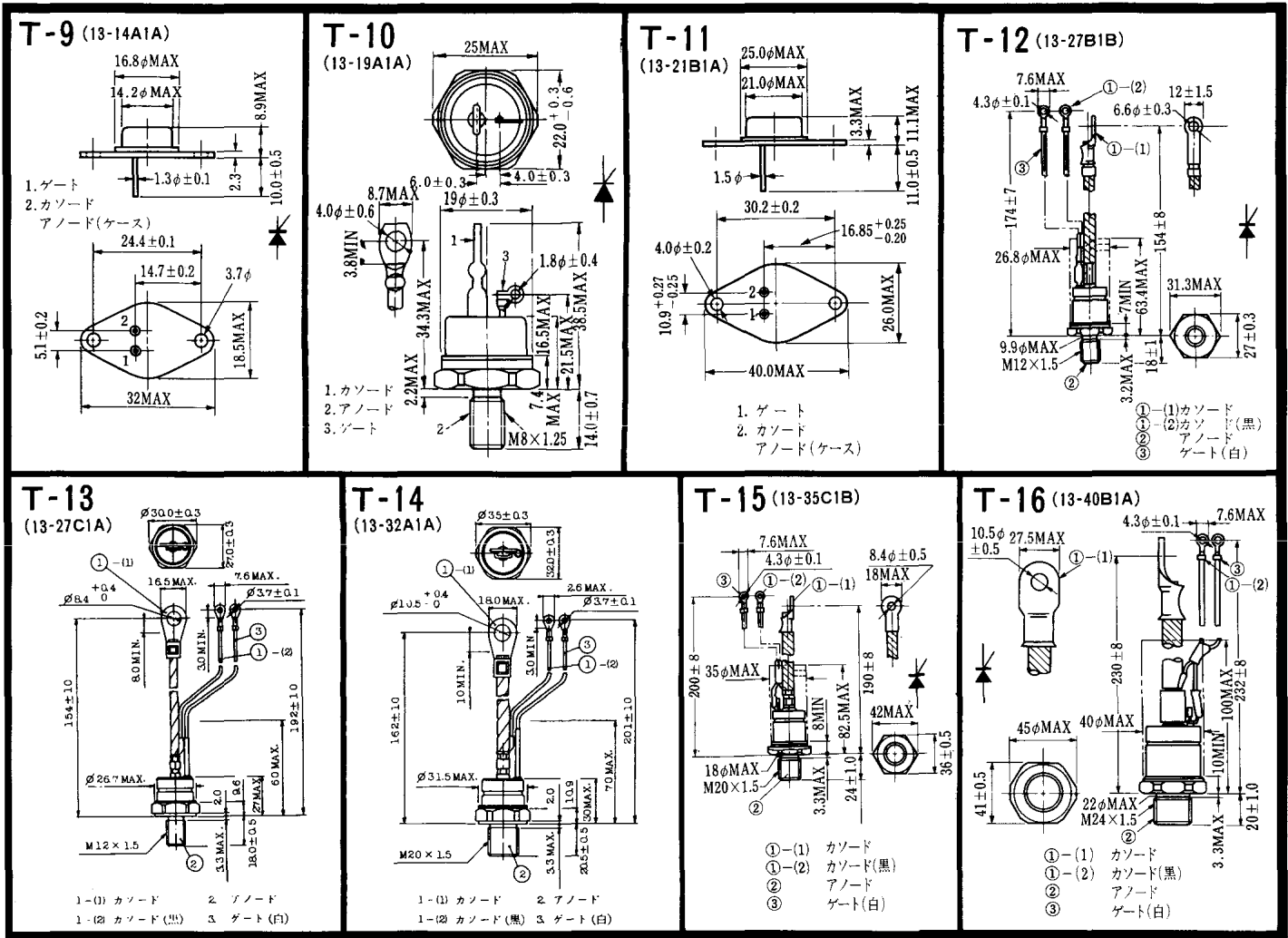






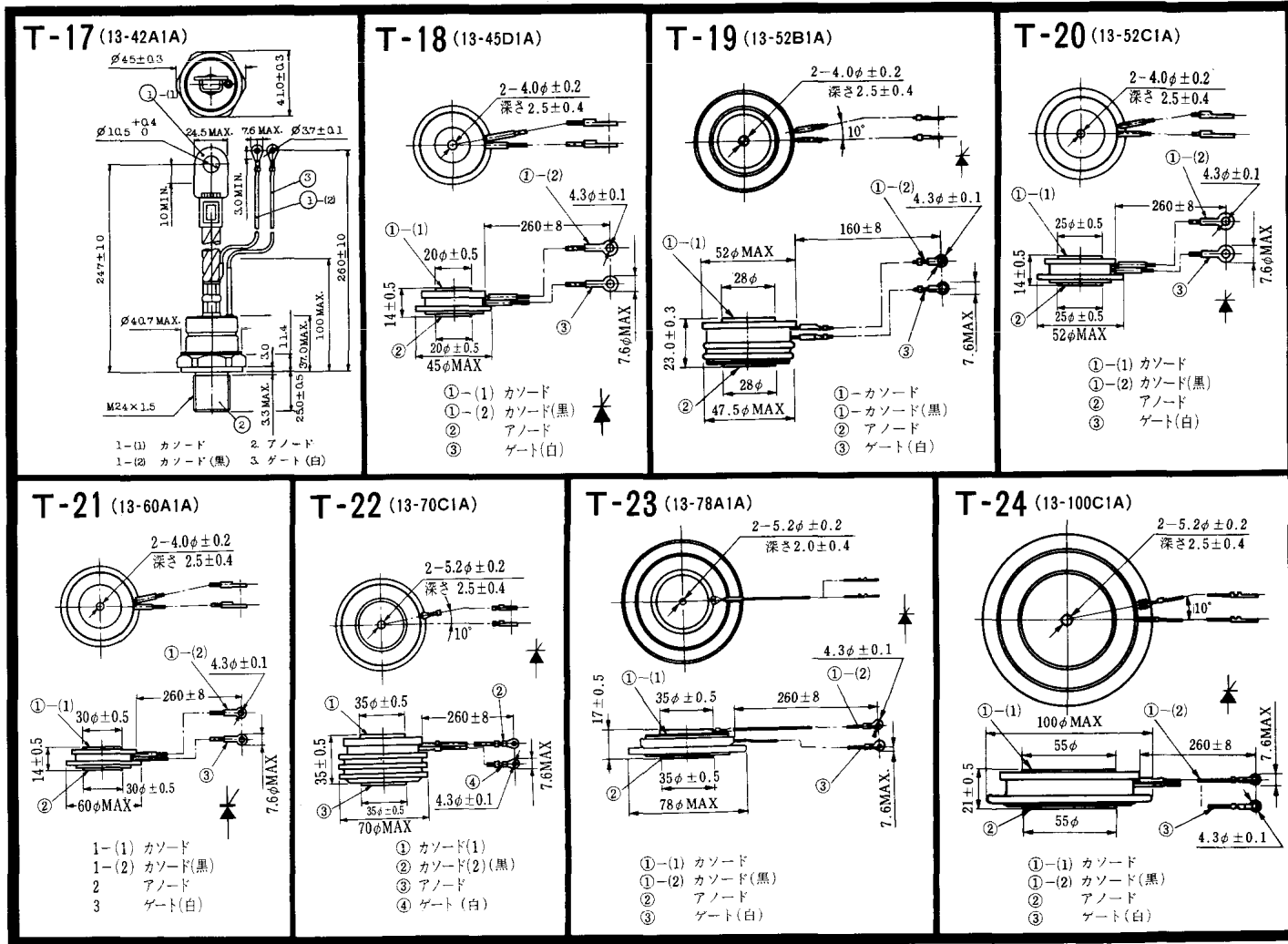
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◀寸法図単位: mm



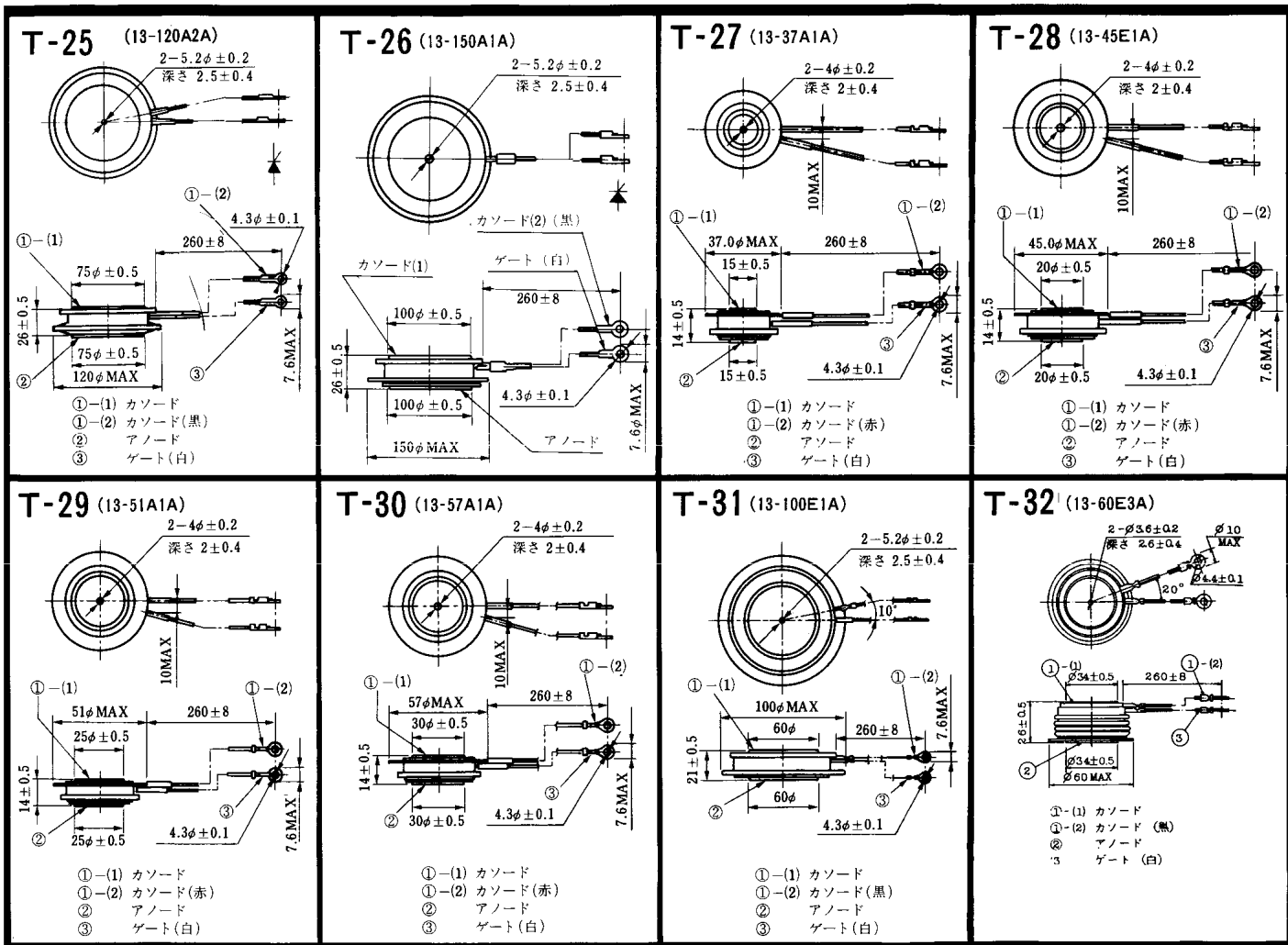
《寸法図単位：mm》

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



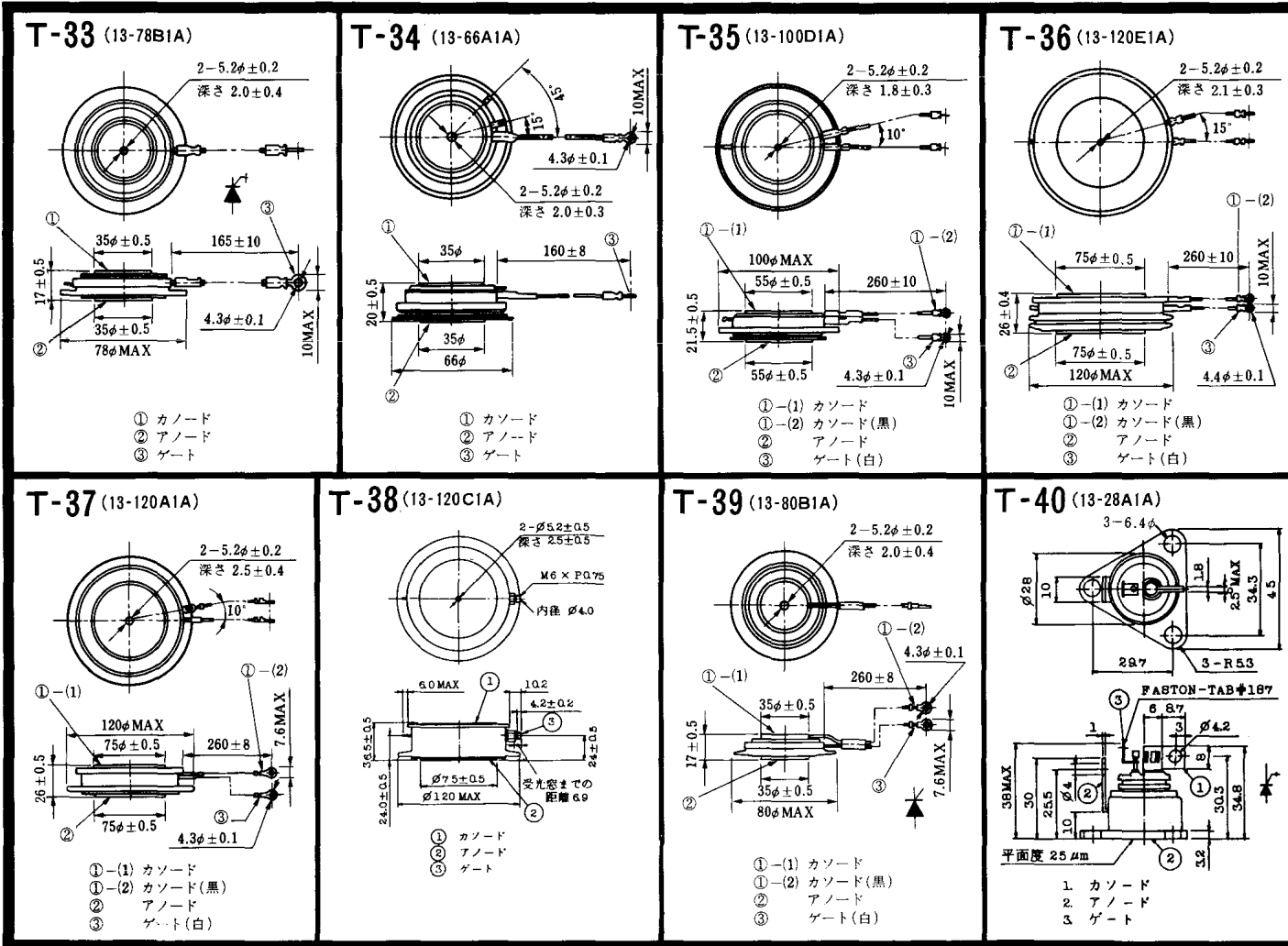
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<http://store.iicc.cc/>



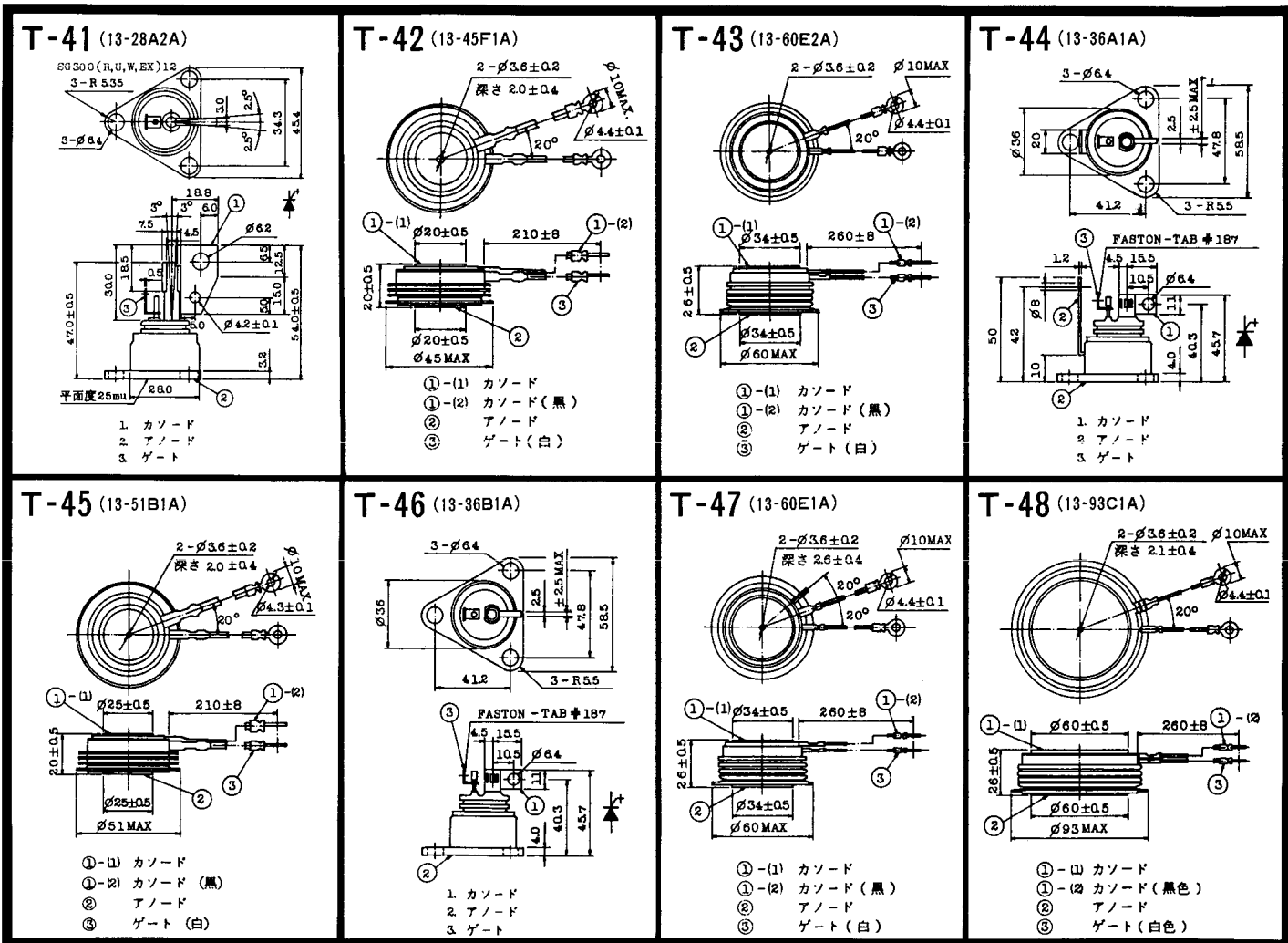
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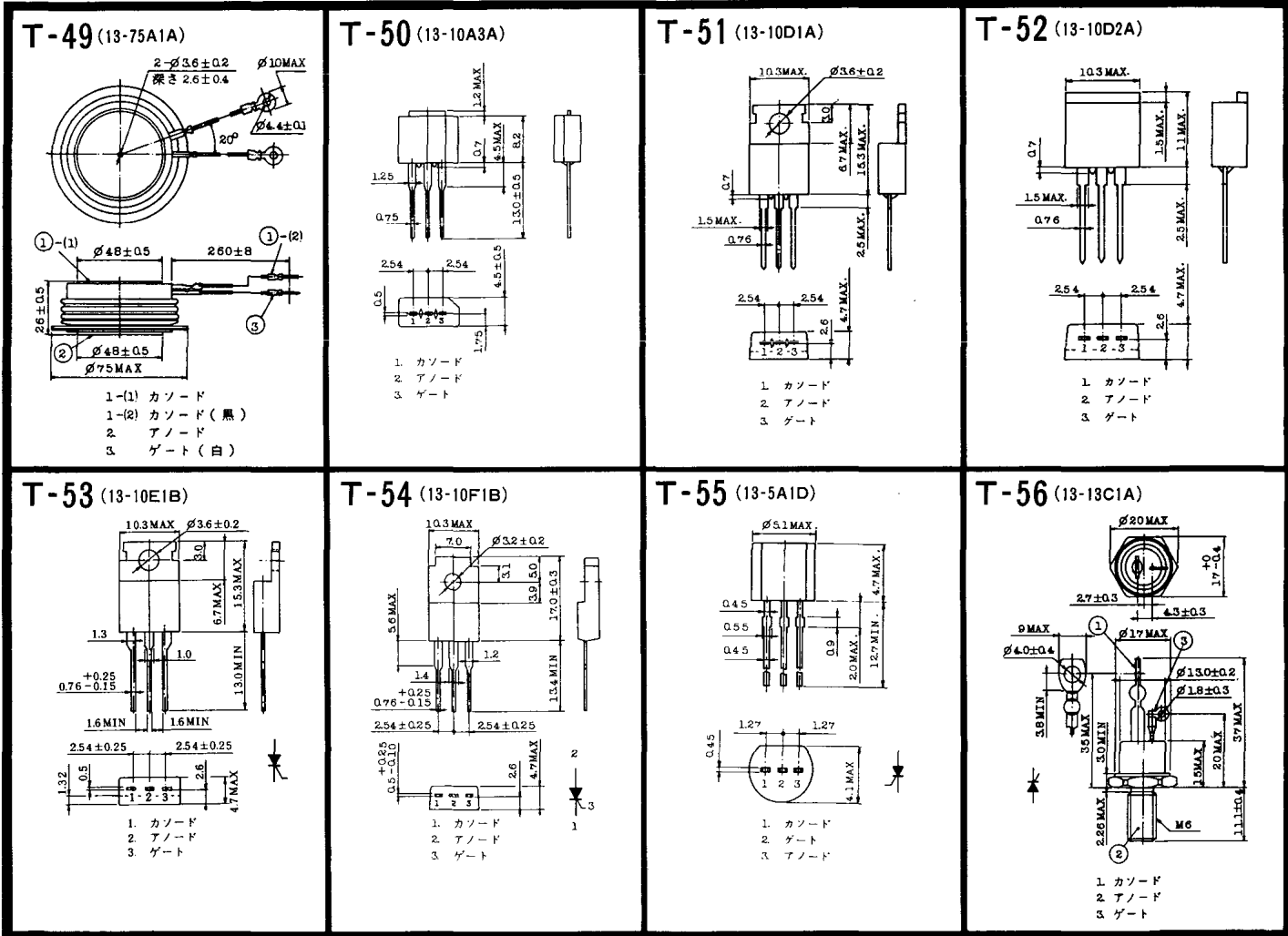
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<http://store.iicc.cc/>



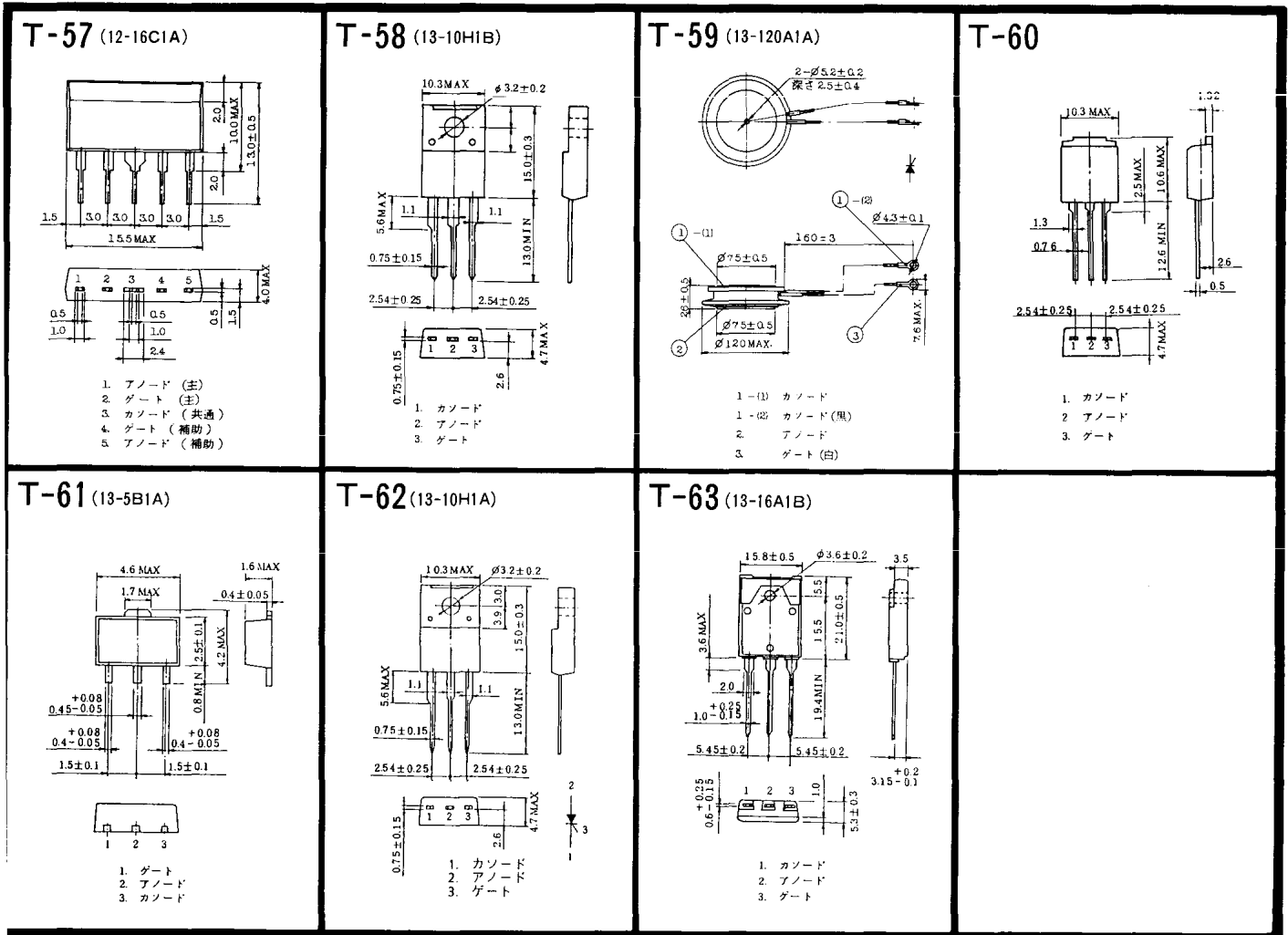
〈寸法図単位：mm〉

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



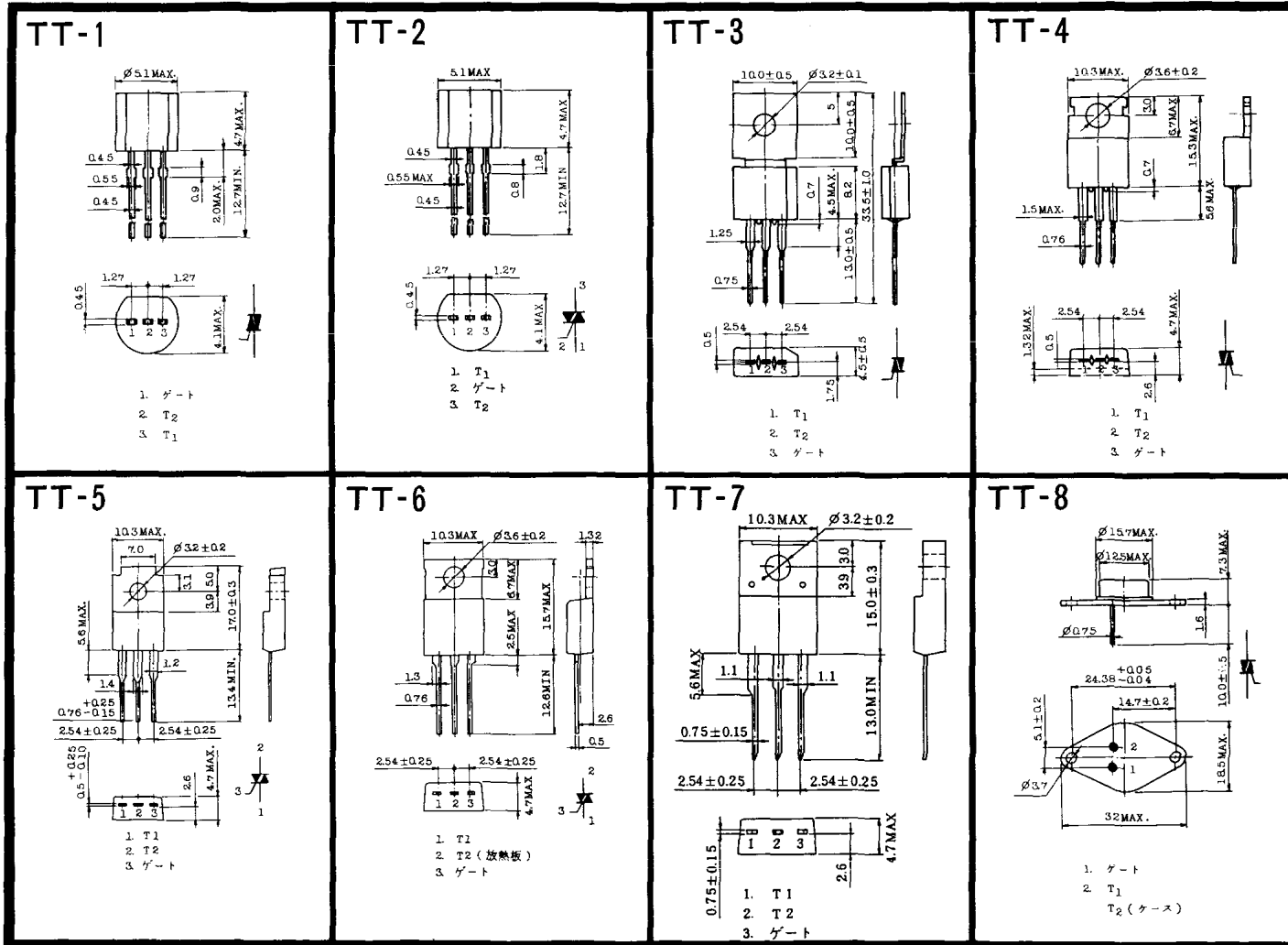
〈寸法図単位:mm〉

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



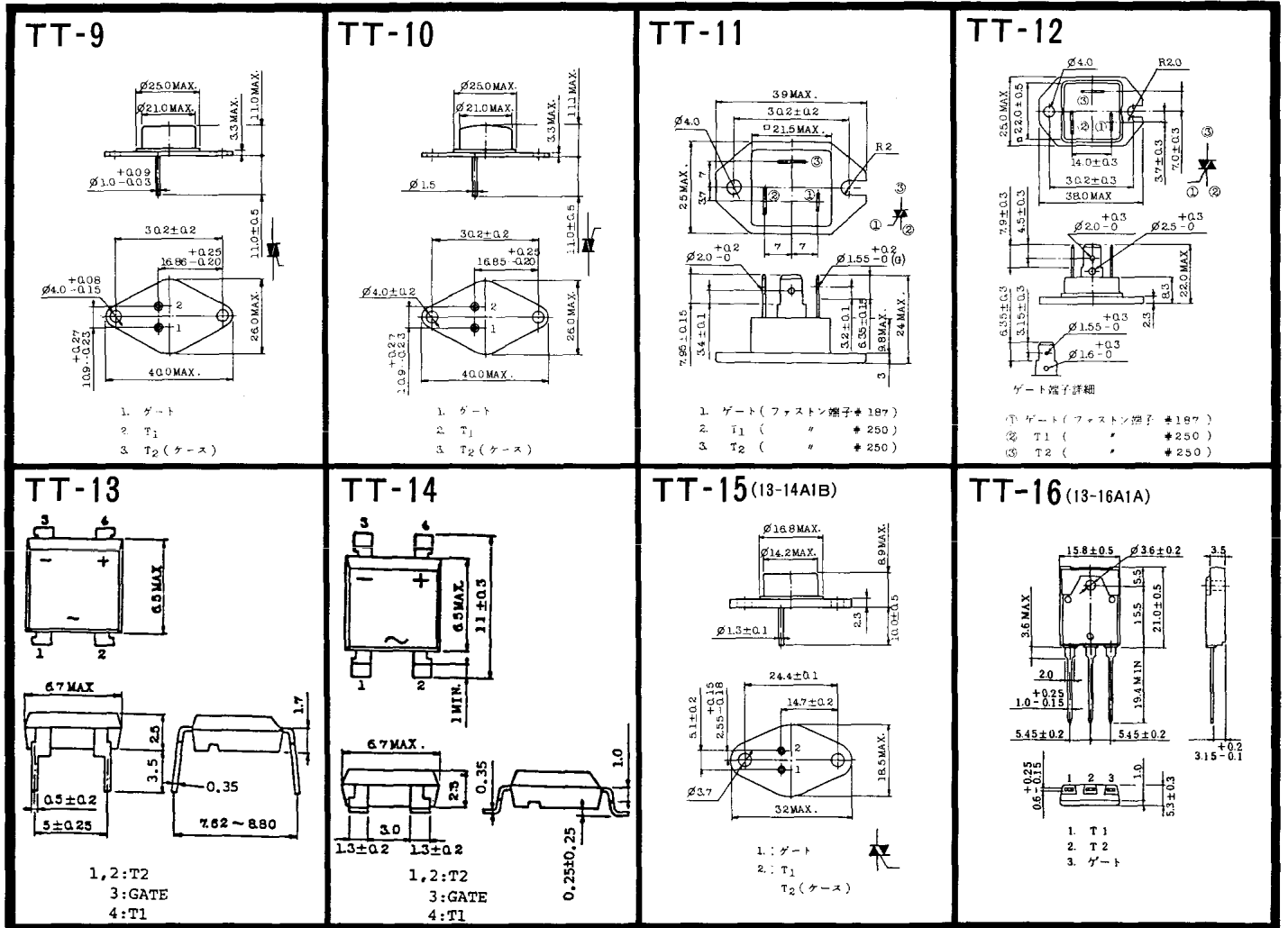
《寸法図単位:mm》

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



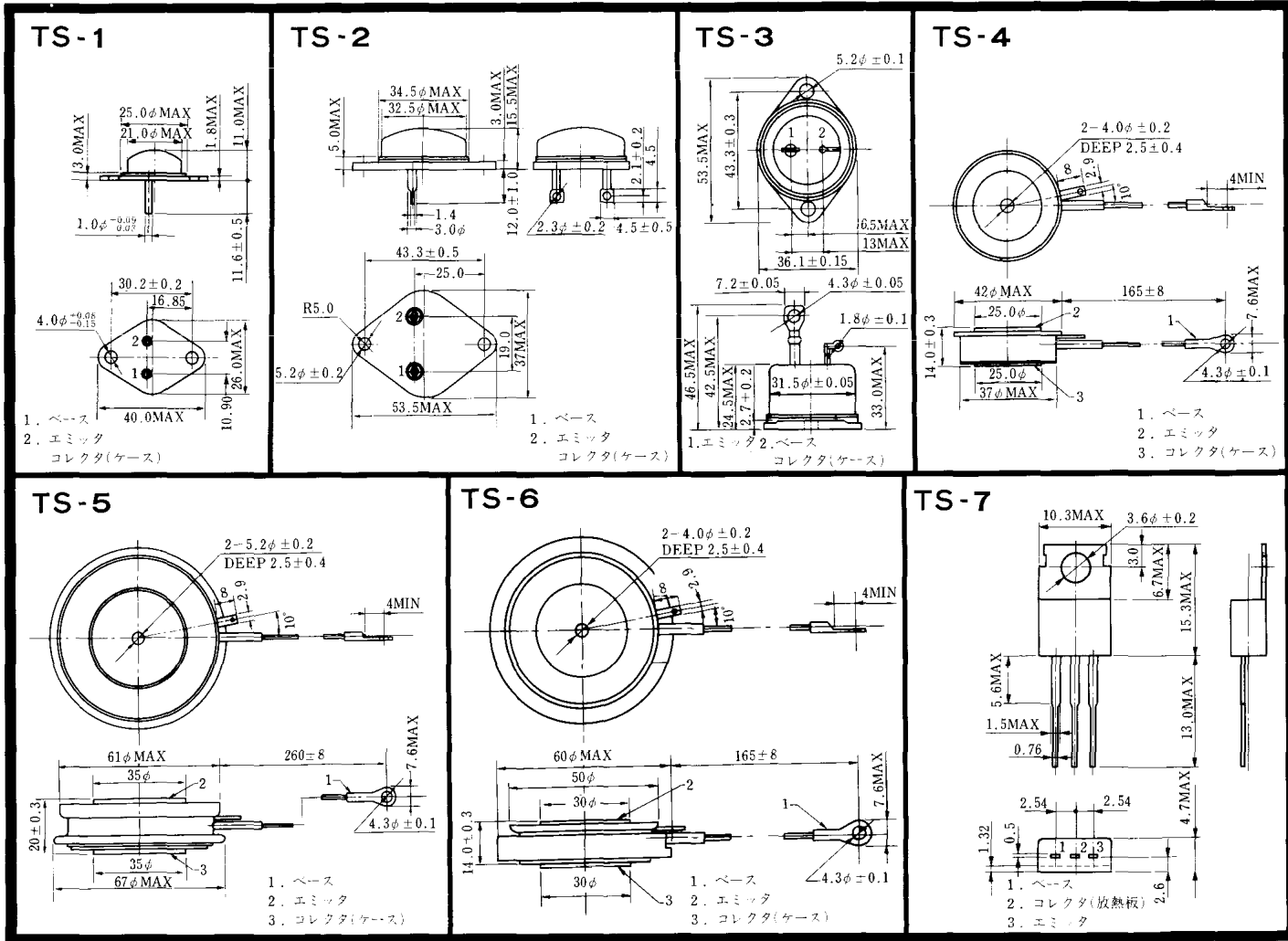
〈寸法図単位: mm〉

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



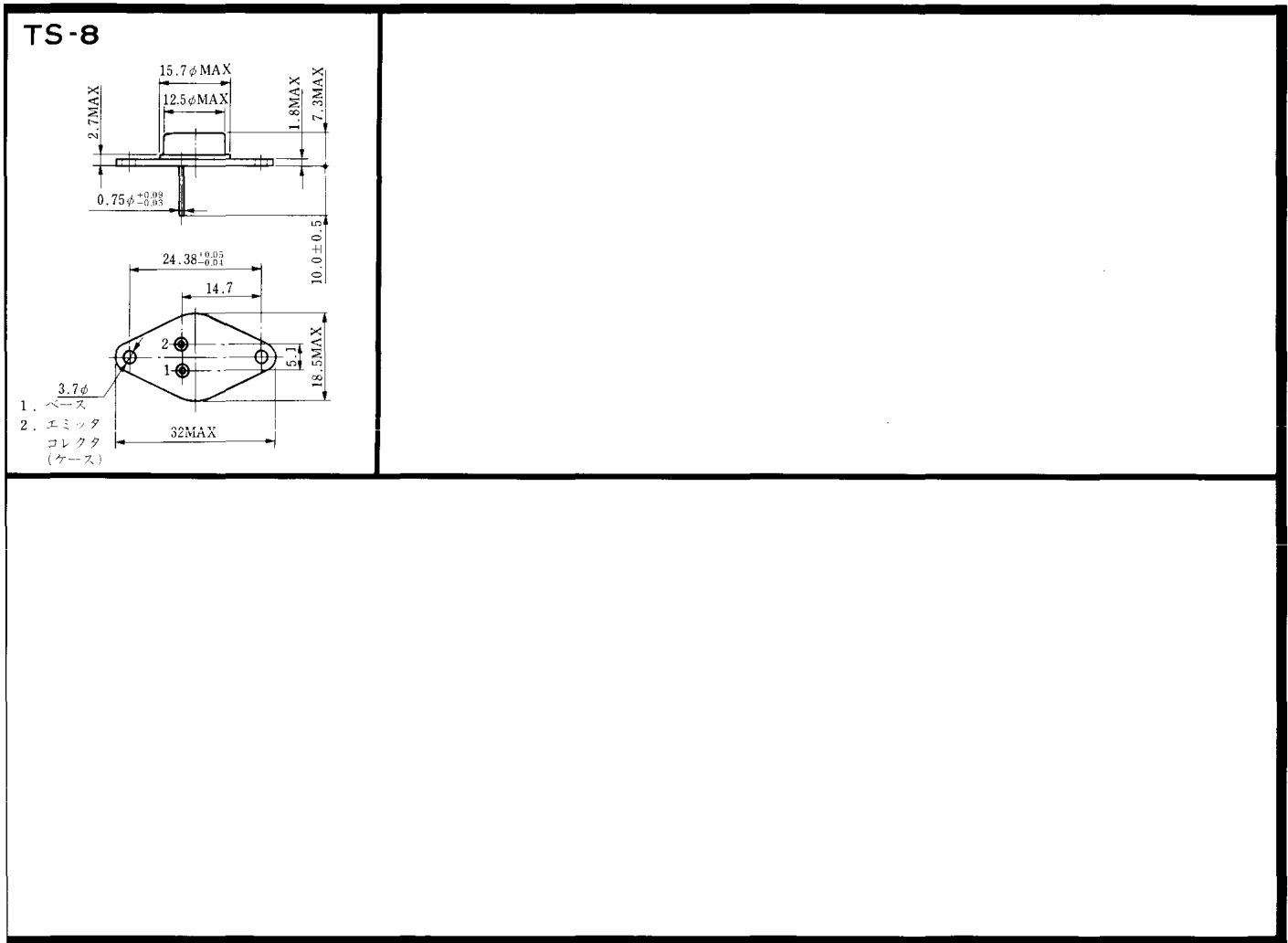
◀寸法図単位: mm▶

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



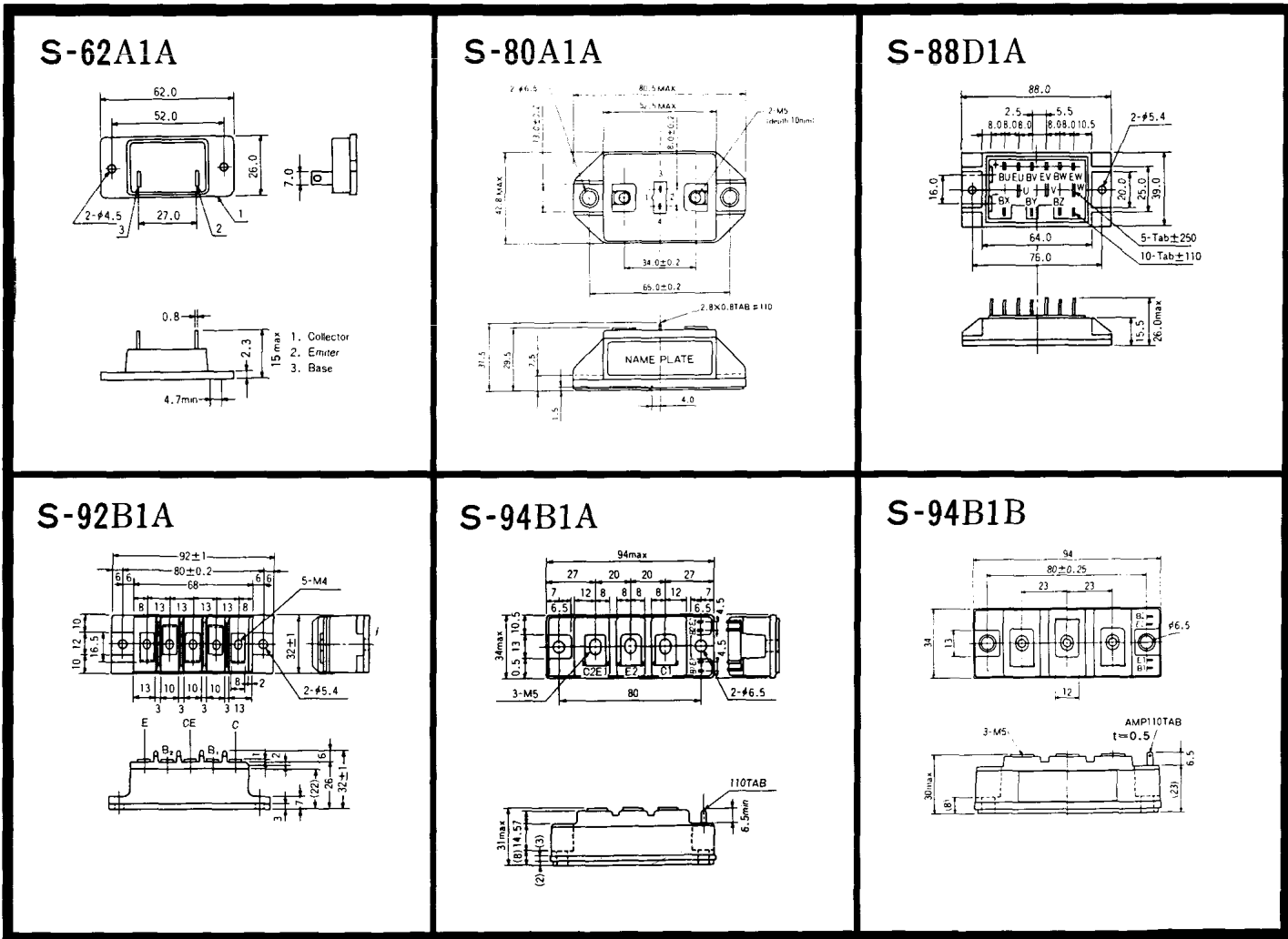
《寸法図単位：mm》

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



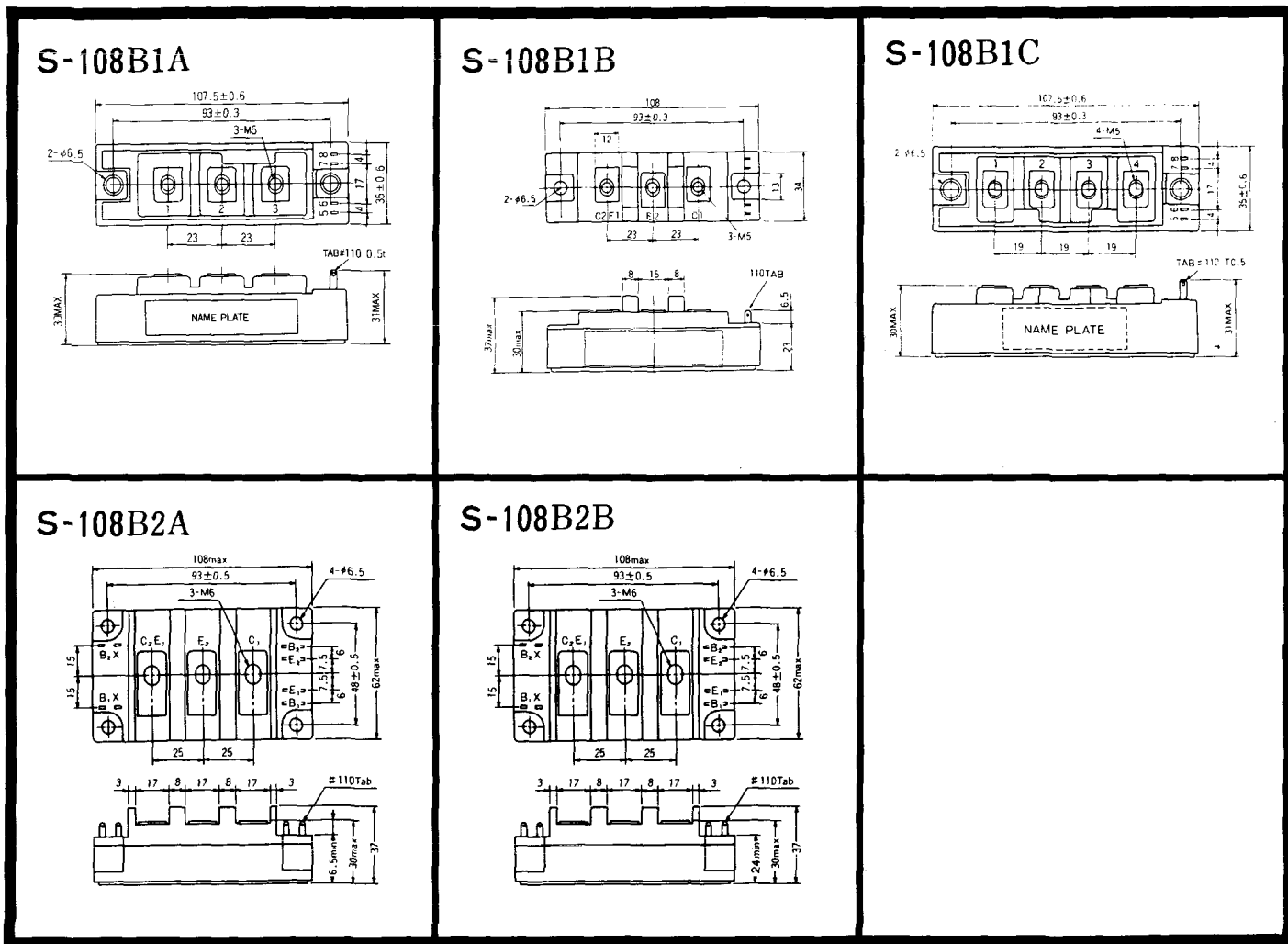
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《寸法図単位：mm》



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

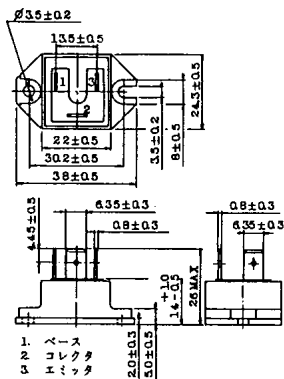
〈寸法図単位：mm〉



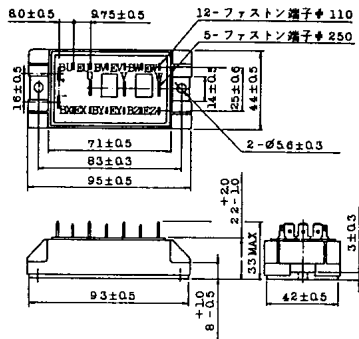
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<寸法图单位:mm>

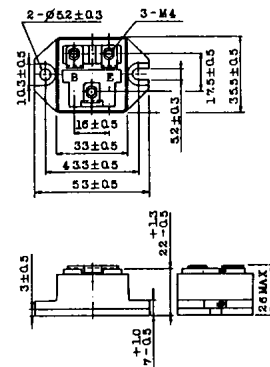
2-22B1A



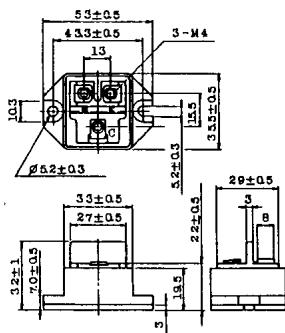
2-27A4A



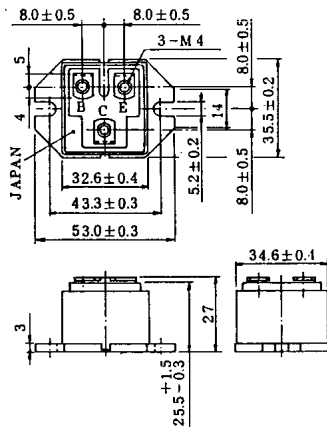
2-33C1A



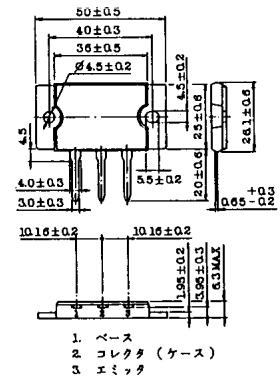
2-33D1A



2-33F1A

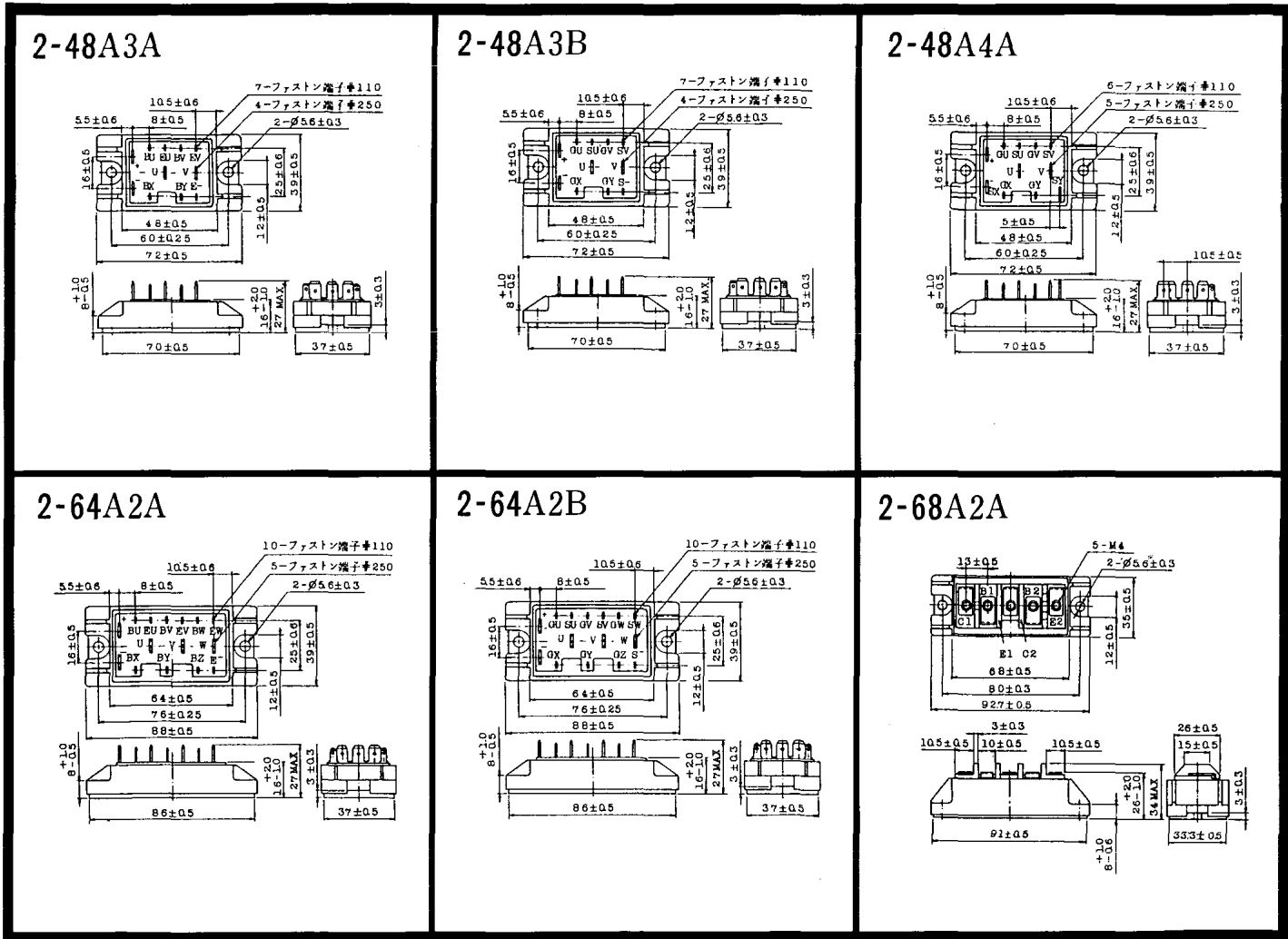


2-37A1A



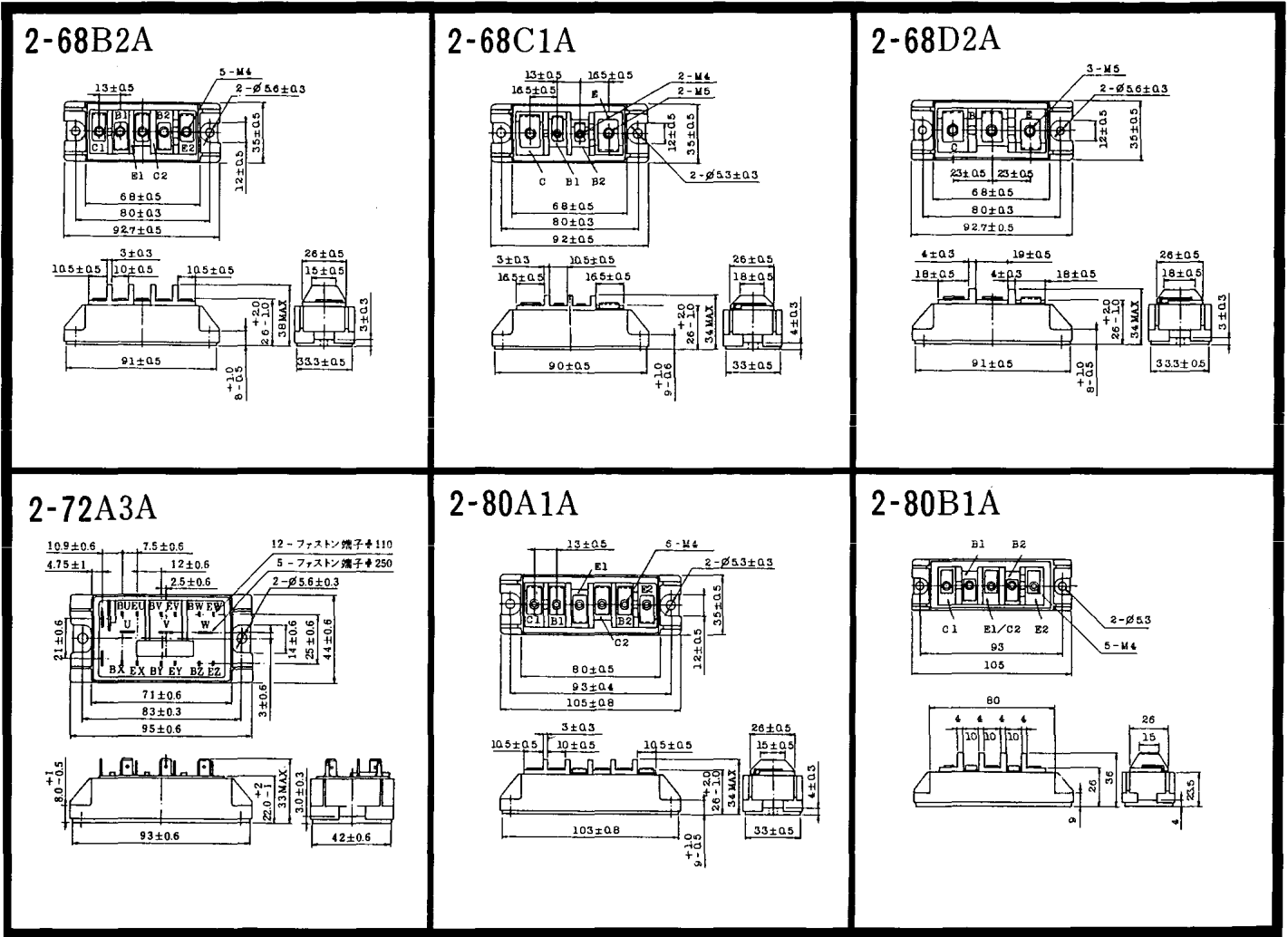
<http://store.iiic.cc/>

《寸法図単位：mm》



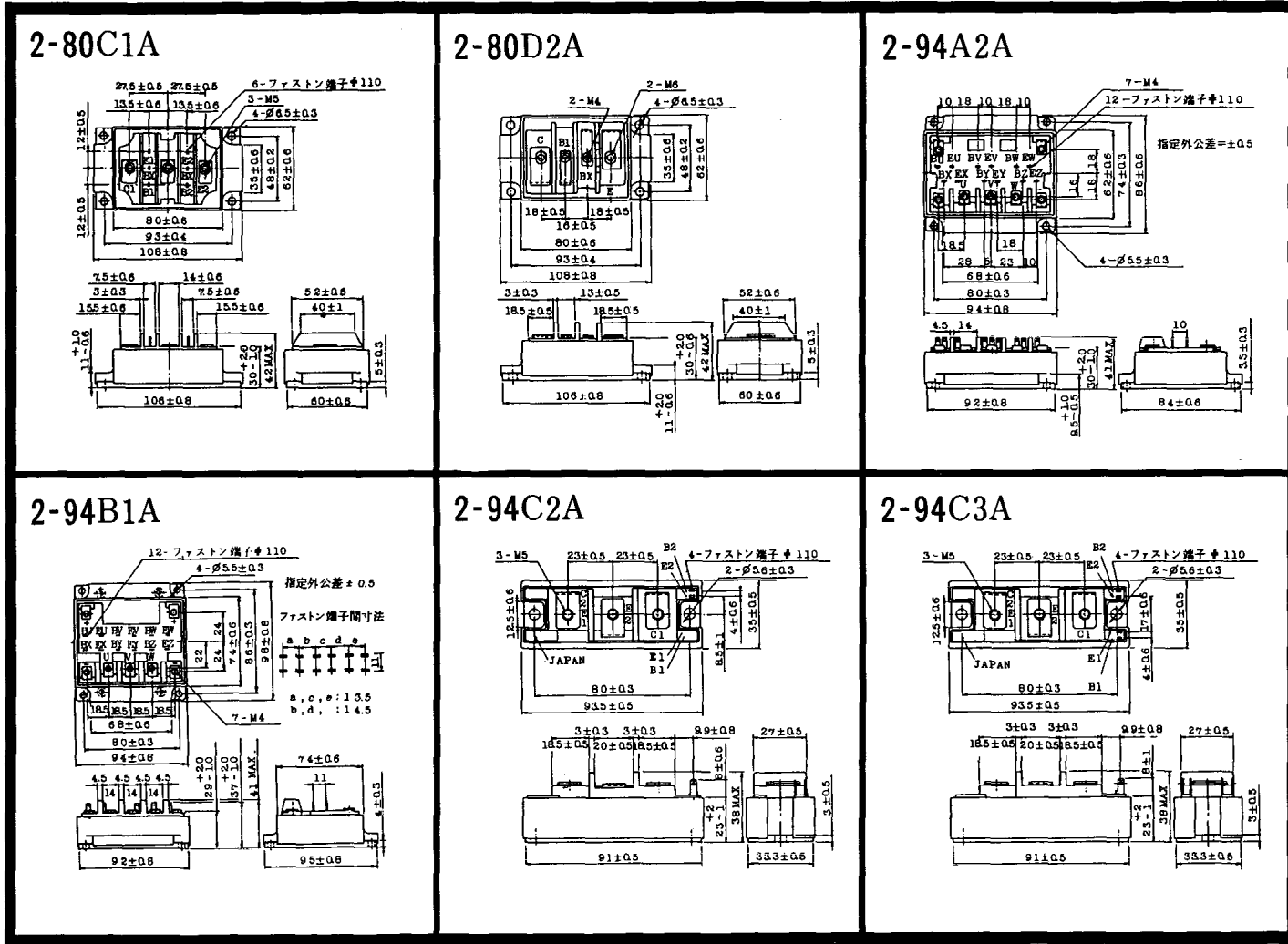
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〈寸法図単位：mm〉



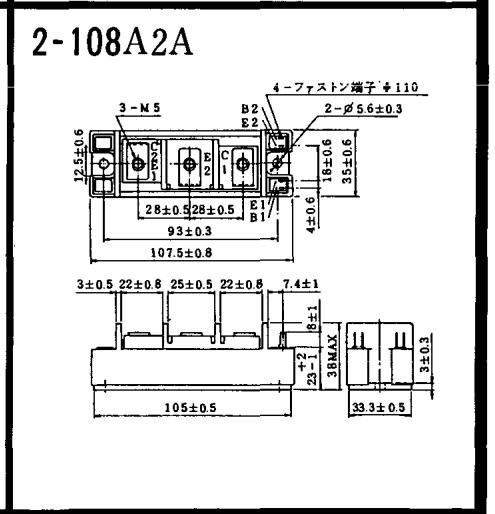
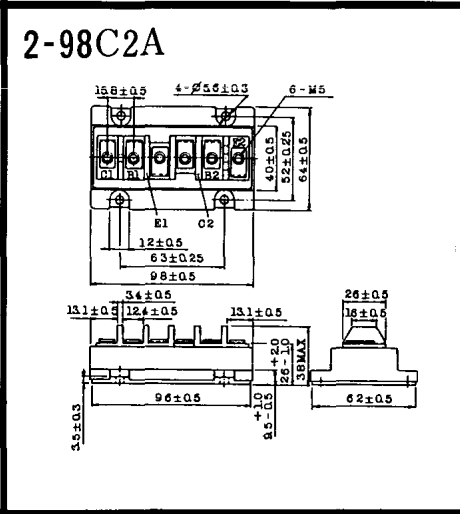
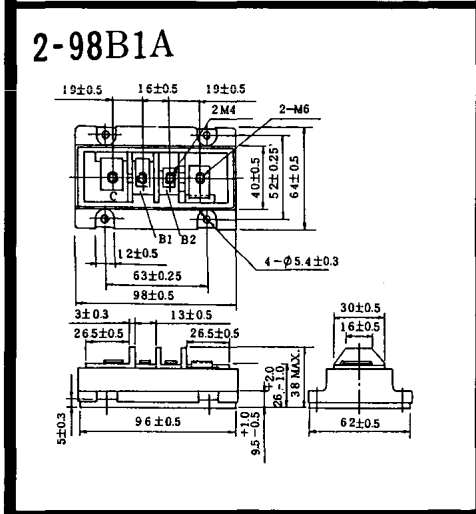
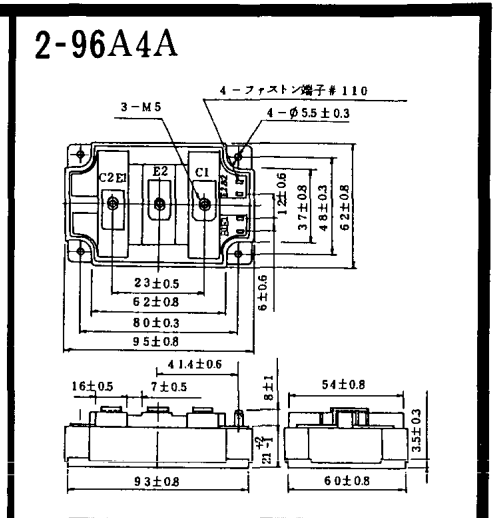
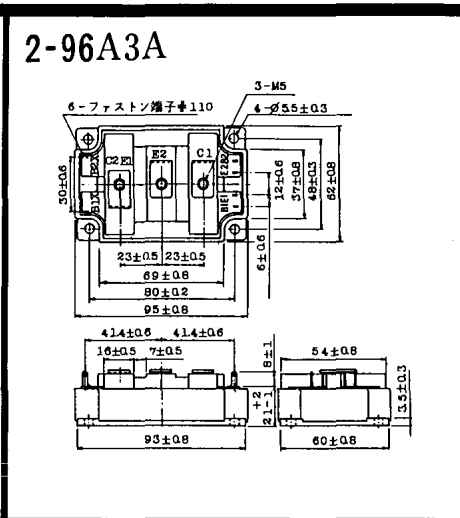
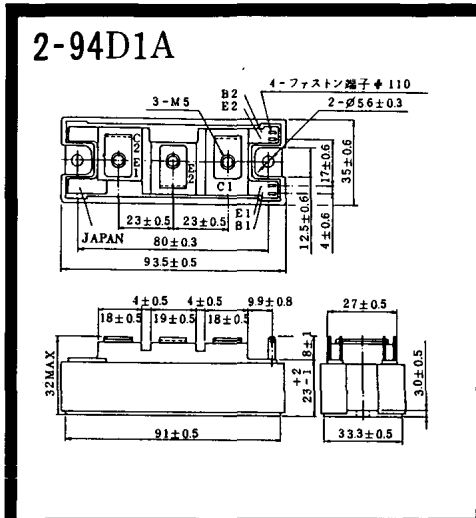
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〈寸法図単位：mm〉



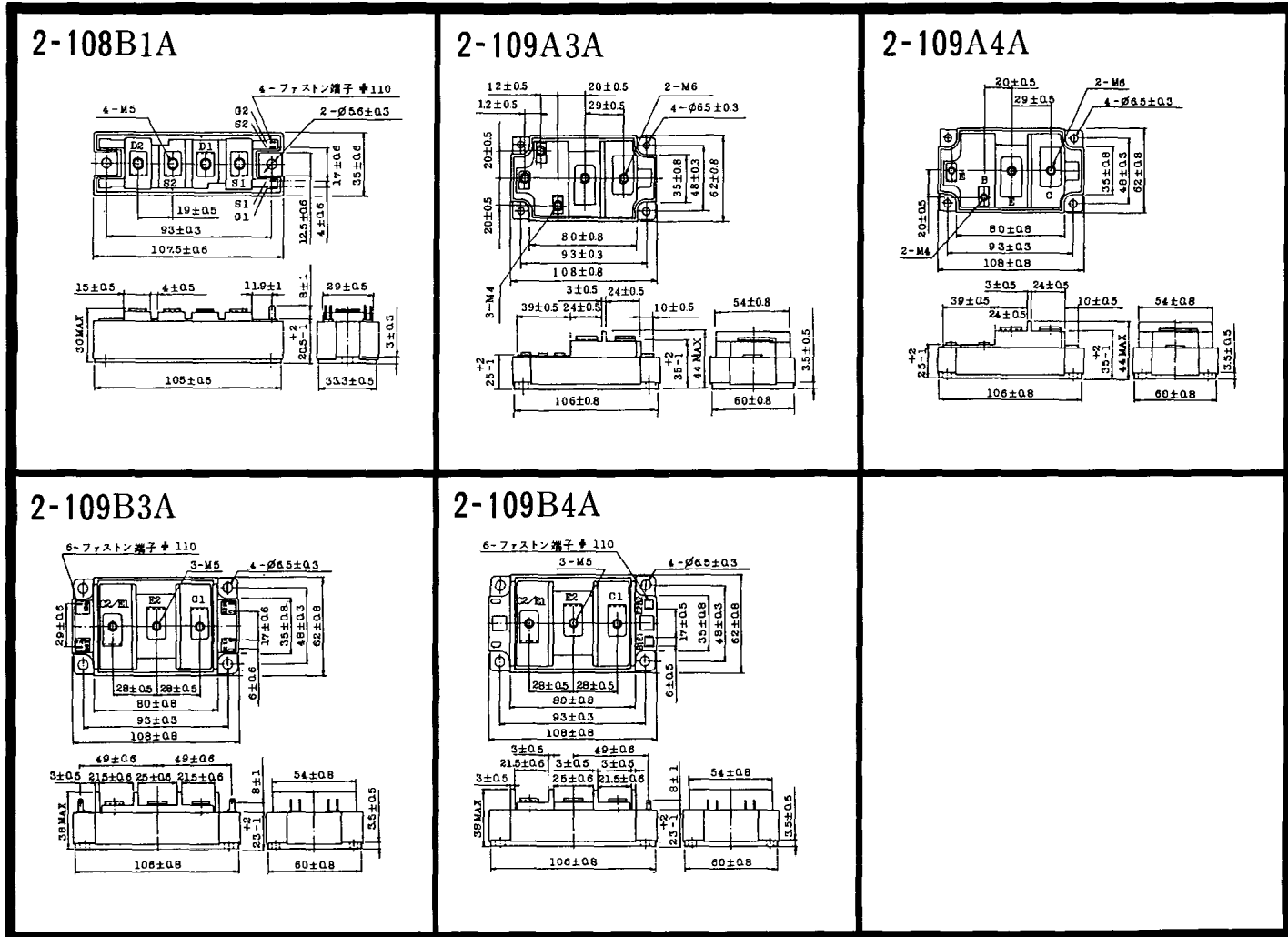
〈寸法図単位：mm〉

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



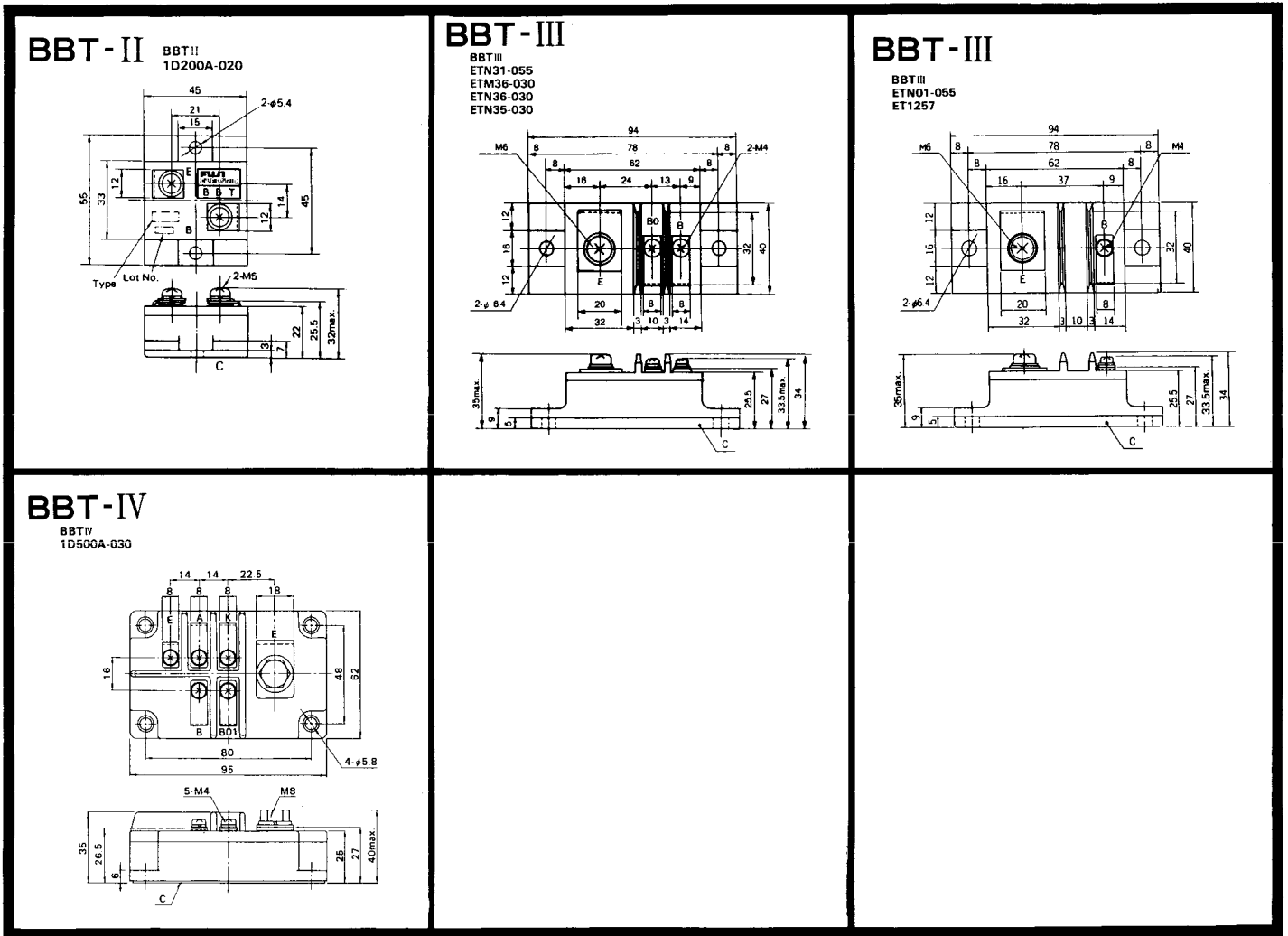
<http://store.iic.cc/>

《寸法図単位：mm》



<寸法図単位：mm>

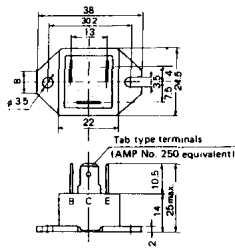
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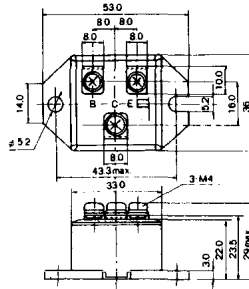
<http://store.iic.cc/>

〈寸法图单位:mm〉

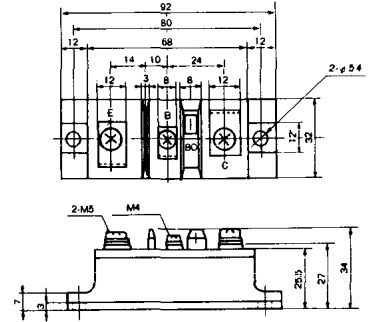
M-101



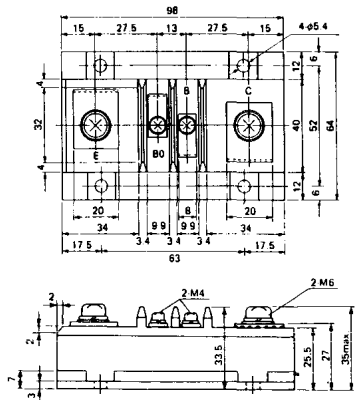
M-102



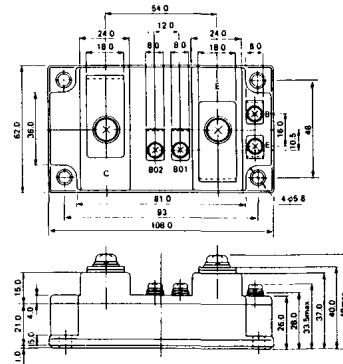
M-103



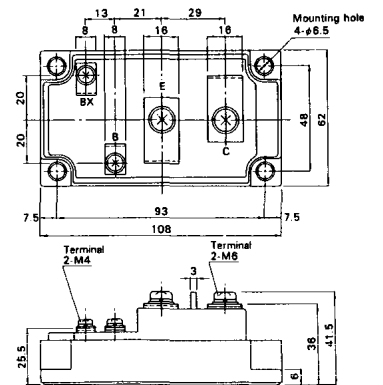
M-104



M-105



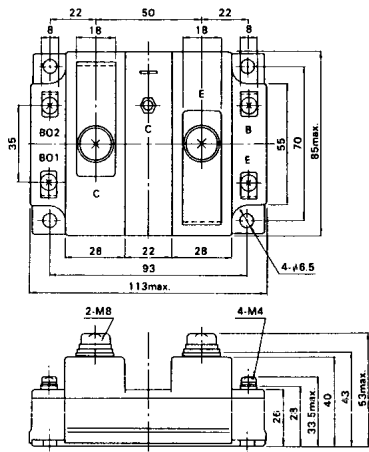
M-106



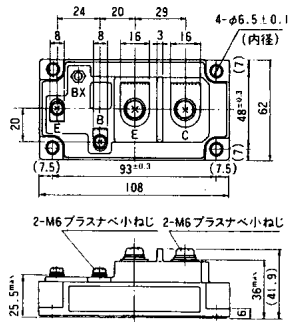
<http://store.iic.cc/>

〈寸法図単位：mm〉

M-107

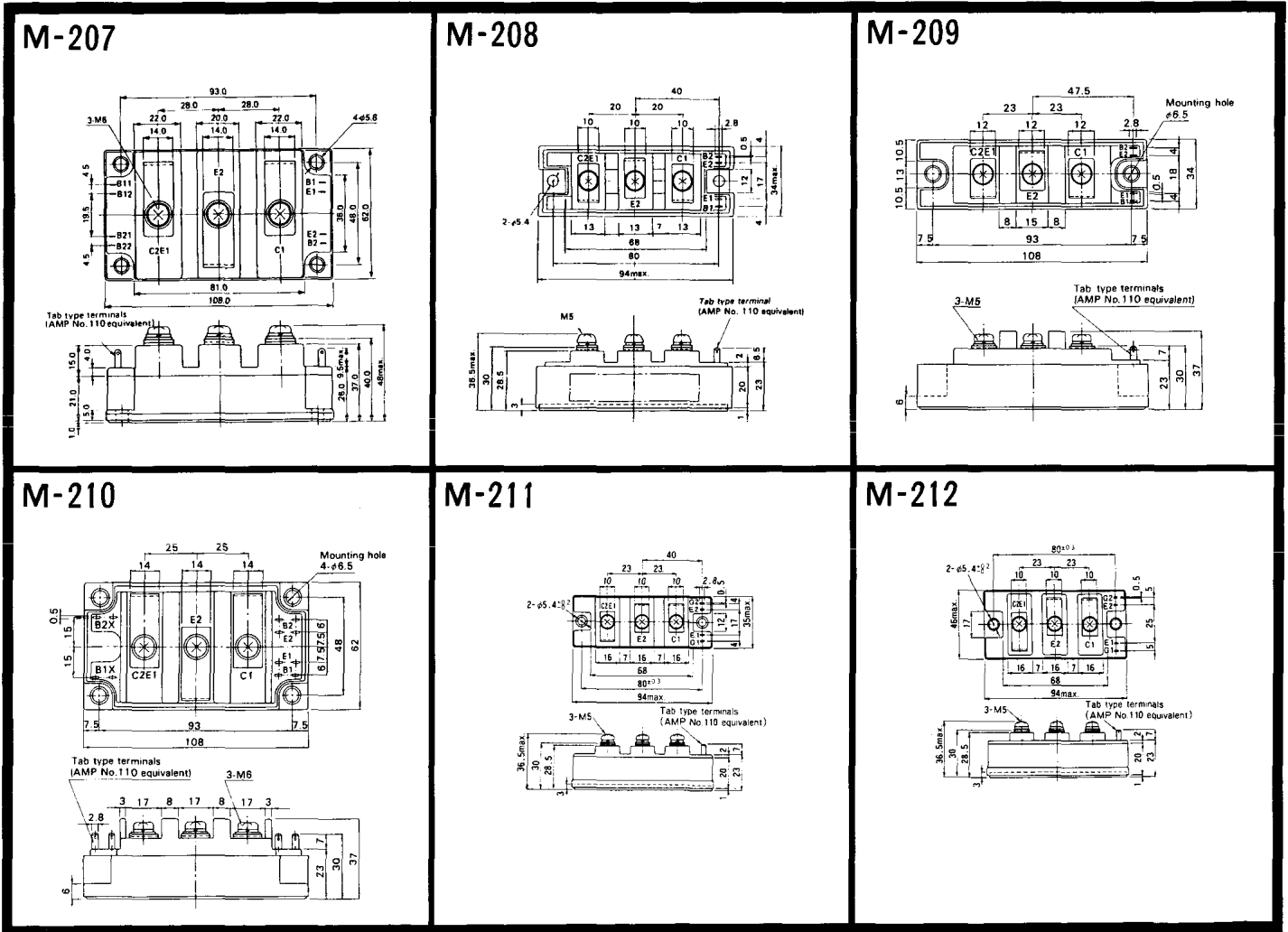


M-116



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

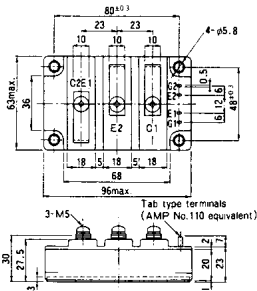
〈寸法図単位：mm〉



《寸法図単位：mm》

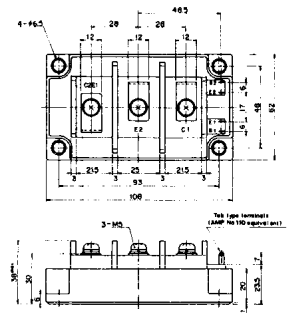
<http://store.iic.cc/>

M-213

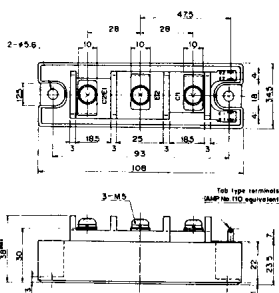


M-214

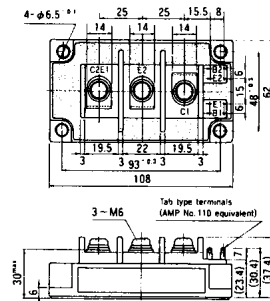
M-215



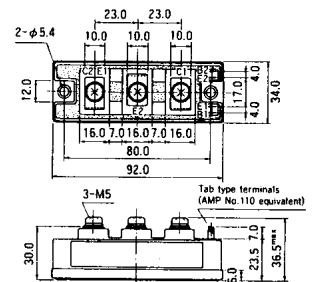
M-216



M-217



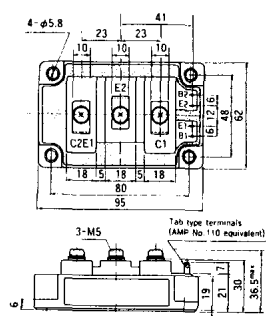
M-218



〈 寸法図単位:mm 〉

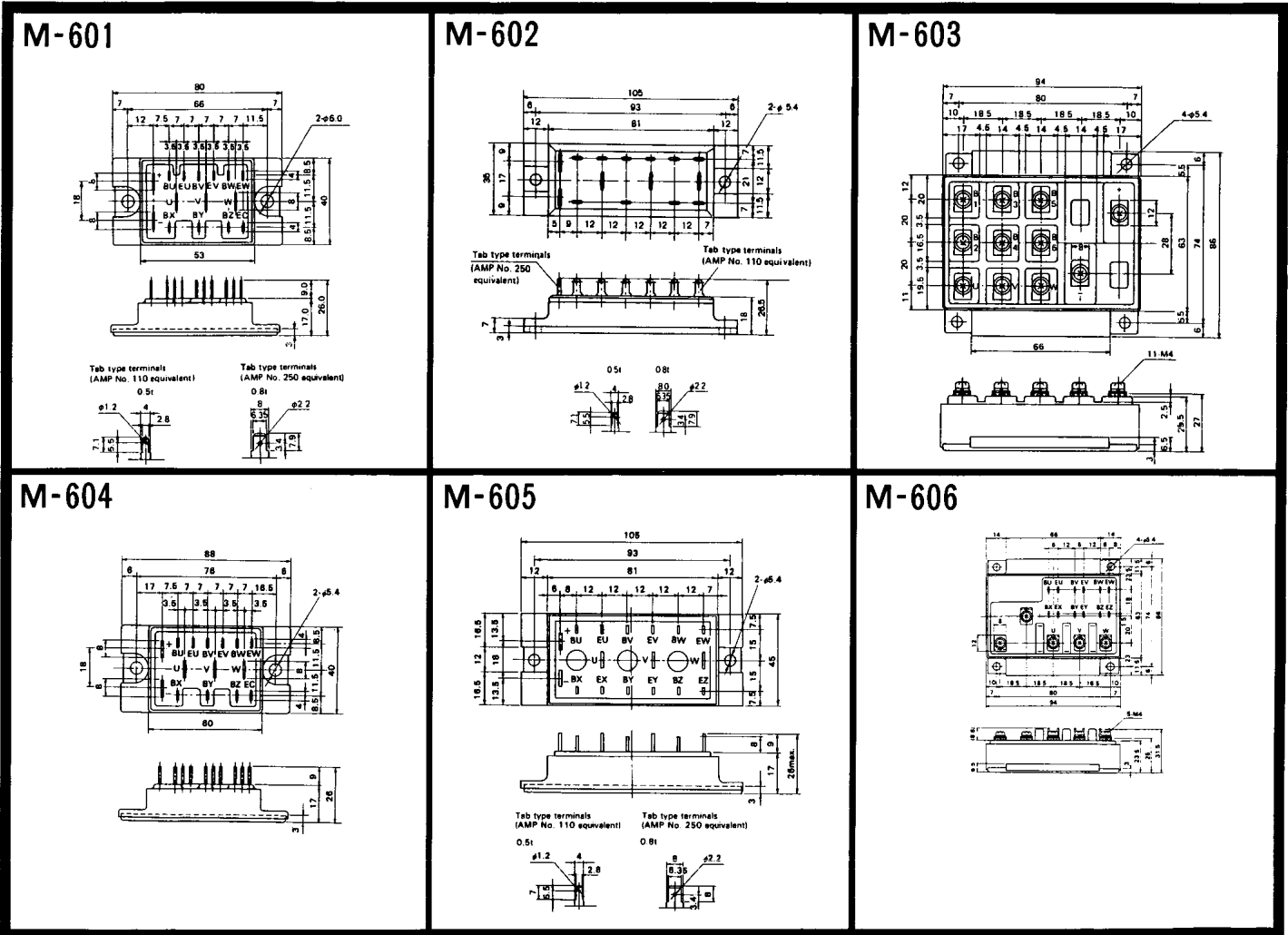
<http://store.iiic.cc/>

M-219



<寸法図単位:mm>

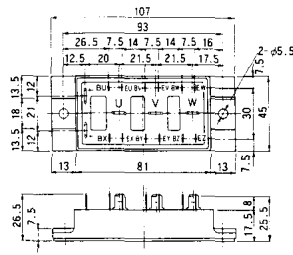
<http://store.iic.cc/>



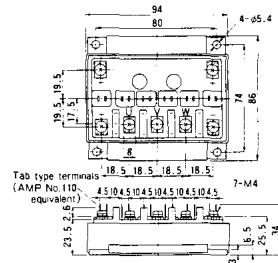
〈寸法図単位：mm〉

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

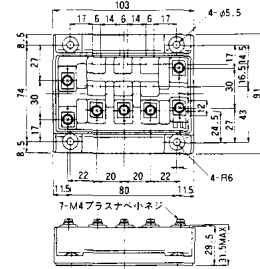
M-607



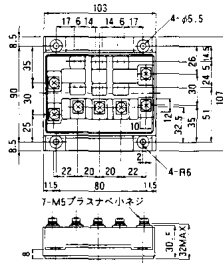
M-608



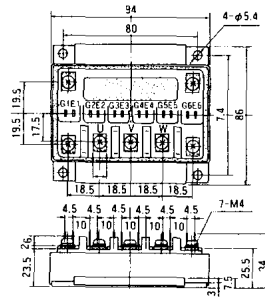
M-609



M-610

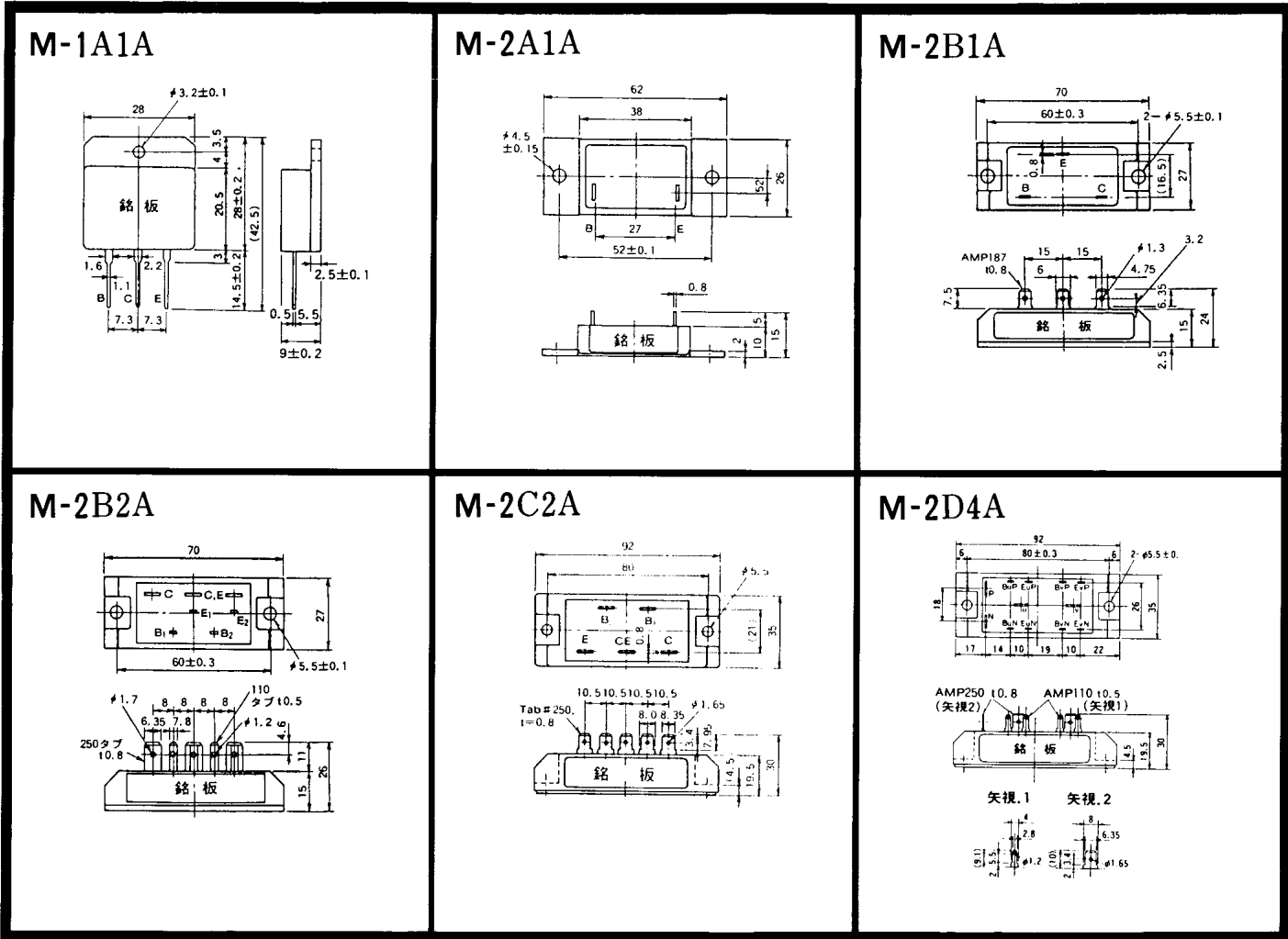


M-616



《寸法図単位:mm》

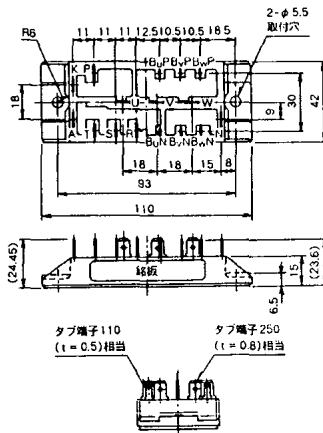
<http://store.iic.cc/>



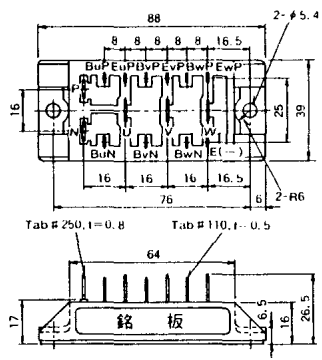
〈寸法図単位:mm〉

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

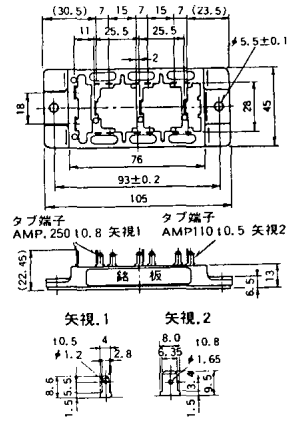
M-2E6A



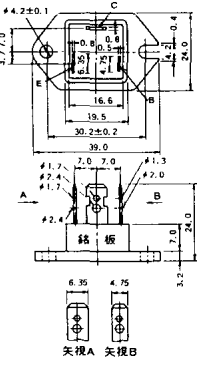
M-2F6A



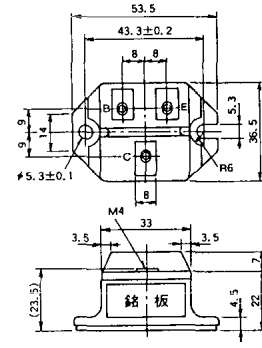
M-2G6A



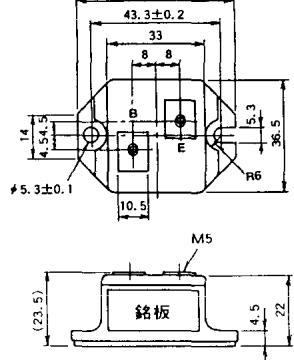
M-3A1A



M-3B1A

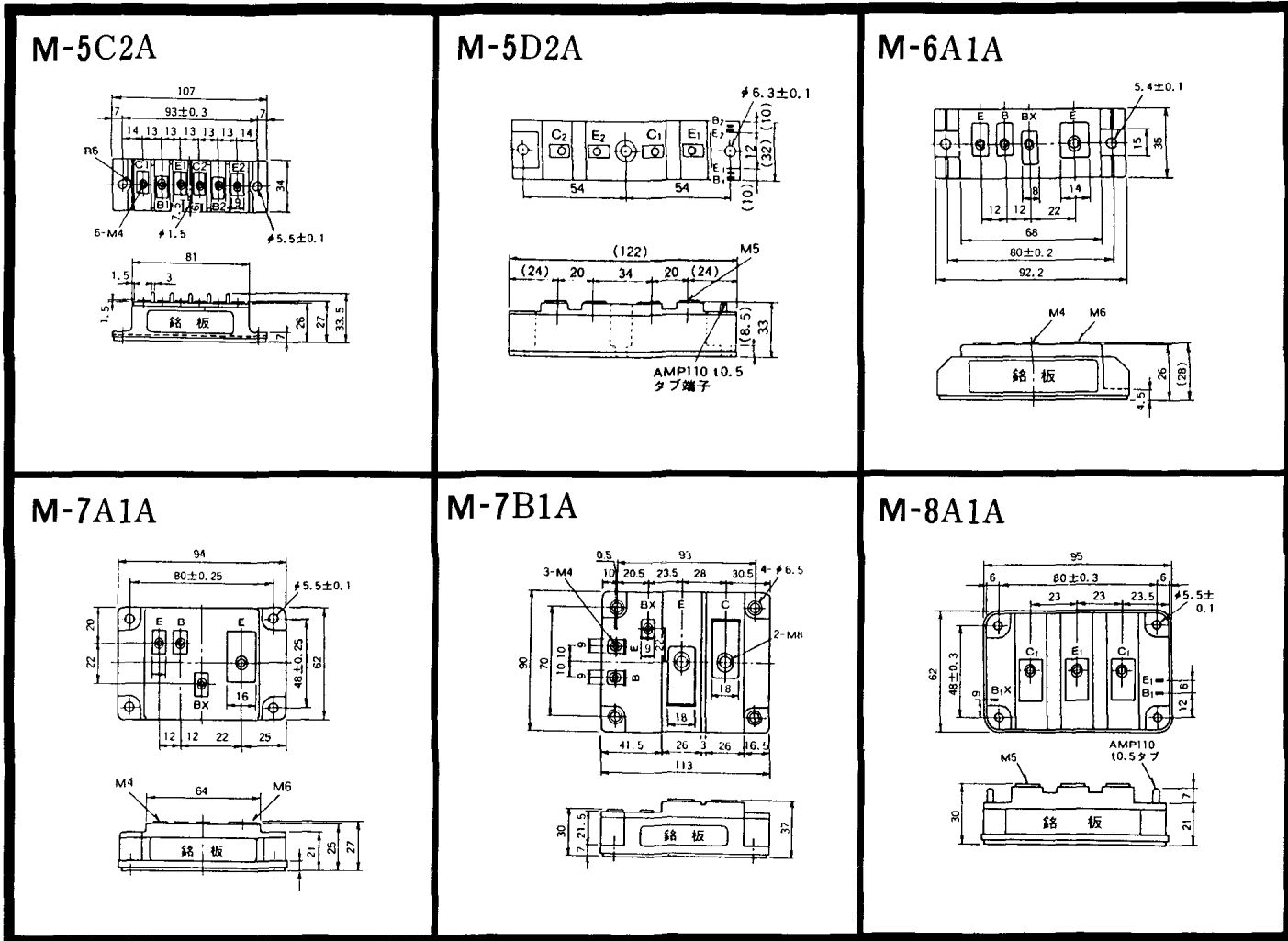


M-3B1B



《寸法図単位:mm》

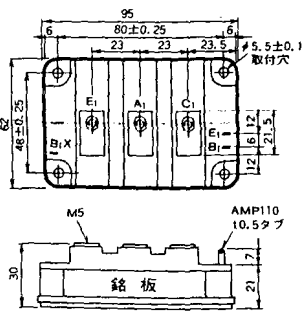
<http://store.iic.cc/>



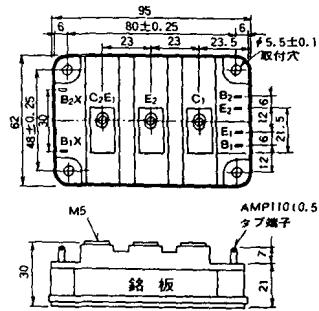
〈寸法図単位:mm〉

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

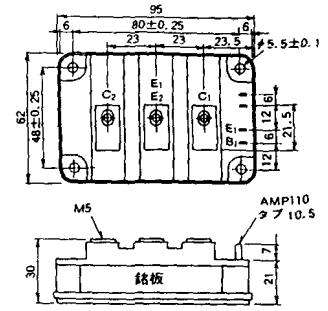
M-8A1B



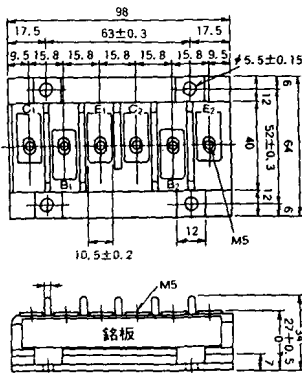
M-8A2A



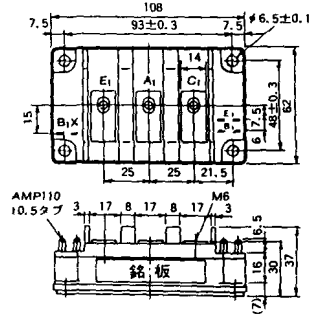
M-8A2B



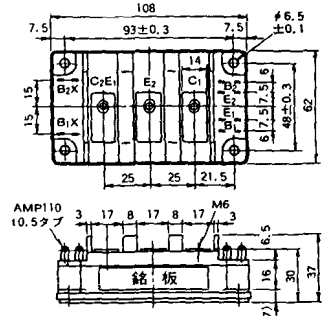
M-8B2A



M-9A1A

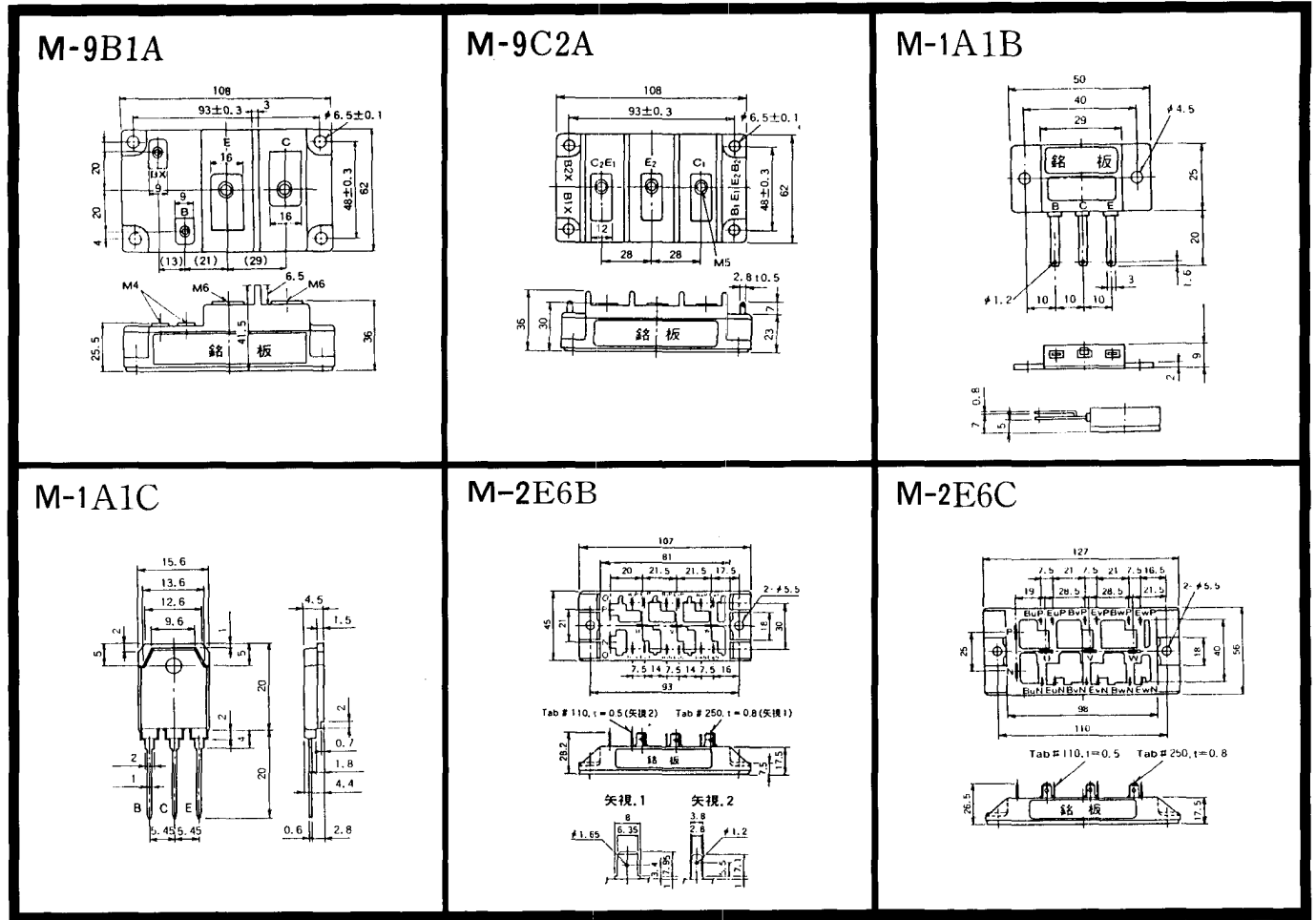


M-9A2A



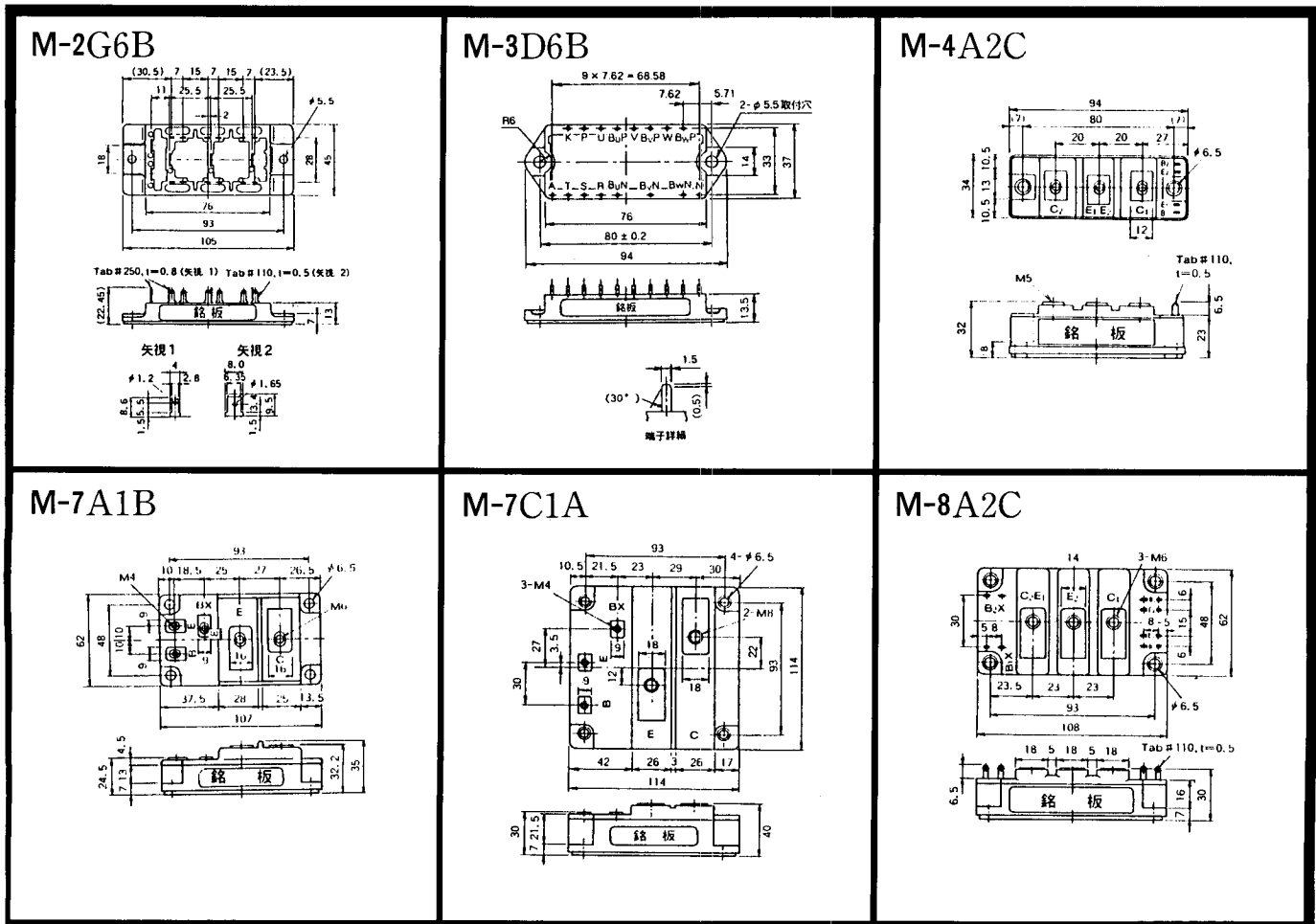
《寸法図単位:mm》

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



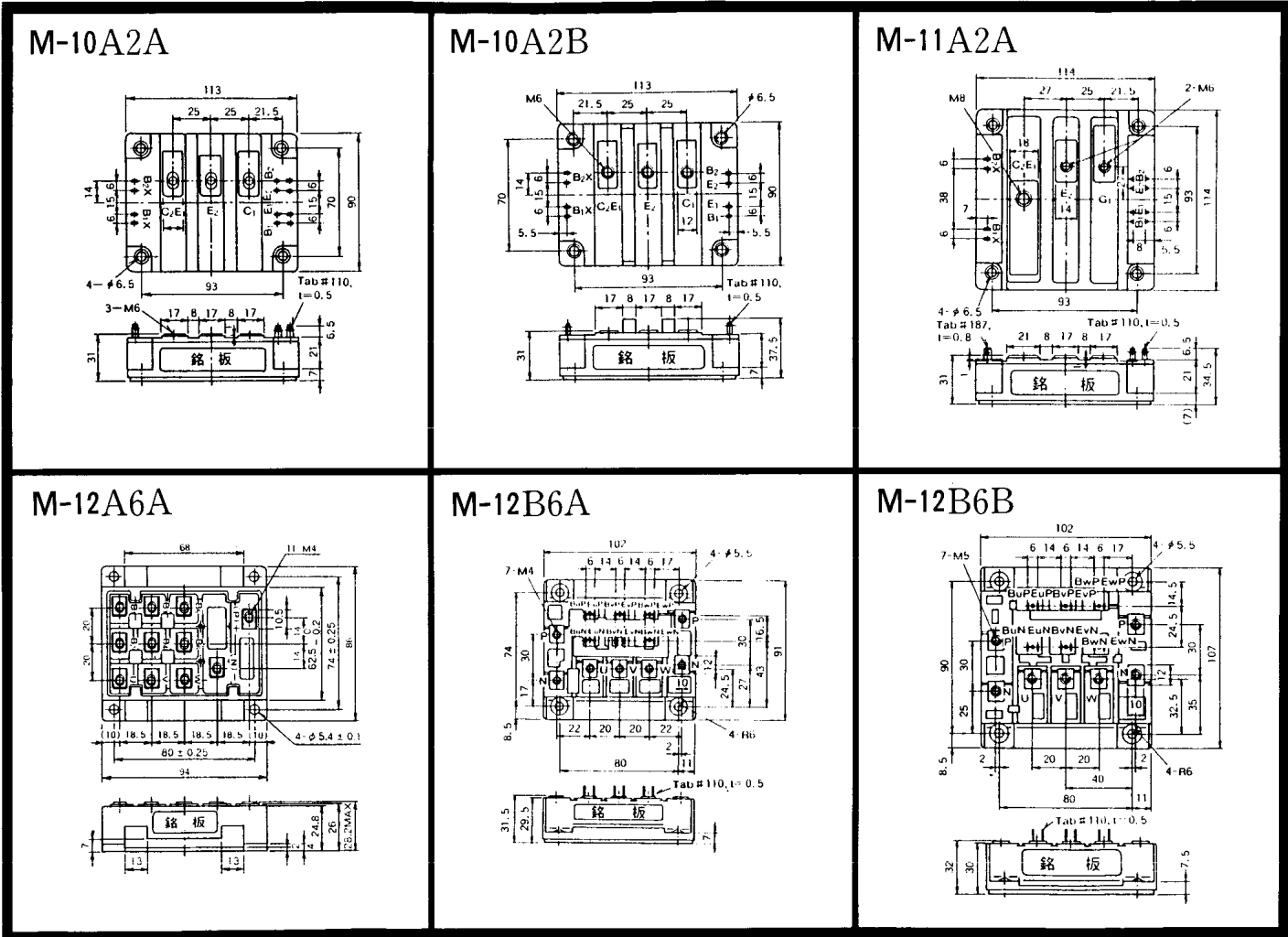
《寸法図単位:mm》

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



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

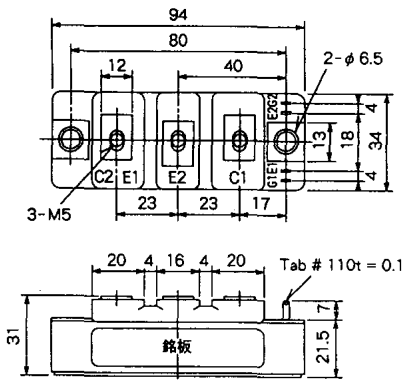
〈寸法图单位：mm〉



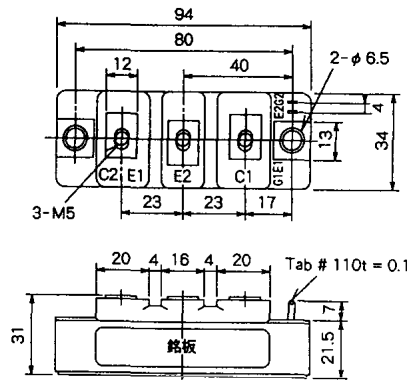
《寸法図単位：mm》

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

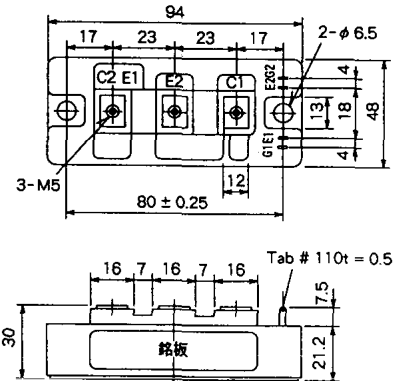
M-4A2D



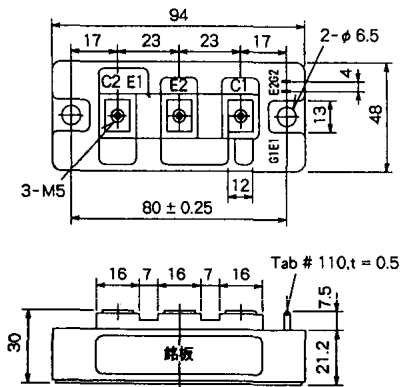
M-4A2E



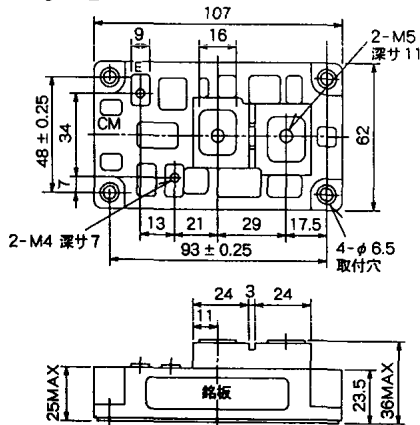
M-4C2A



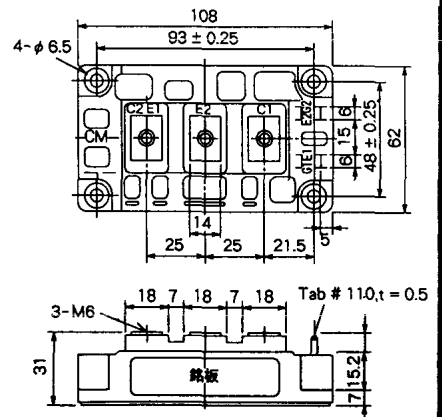
M-4C2B



M-9B1C

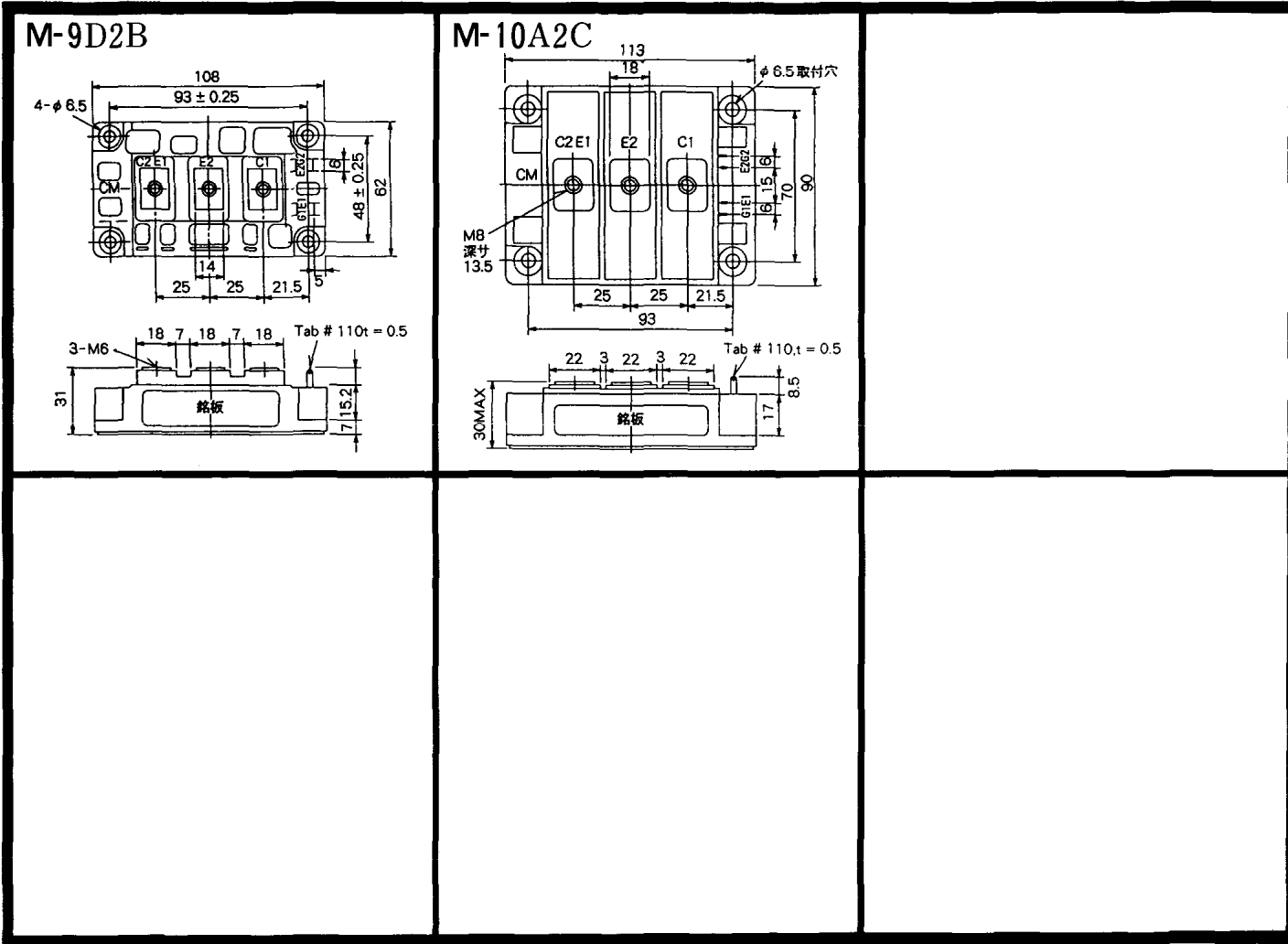


M-9D2A



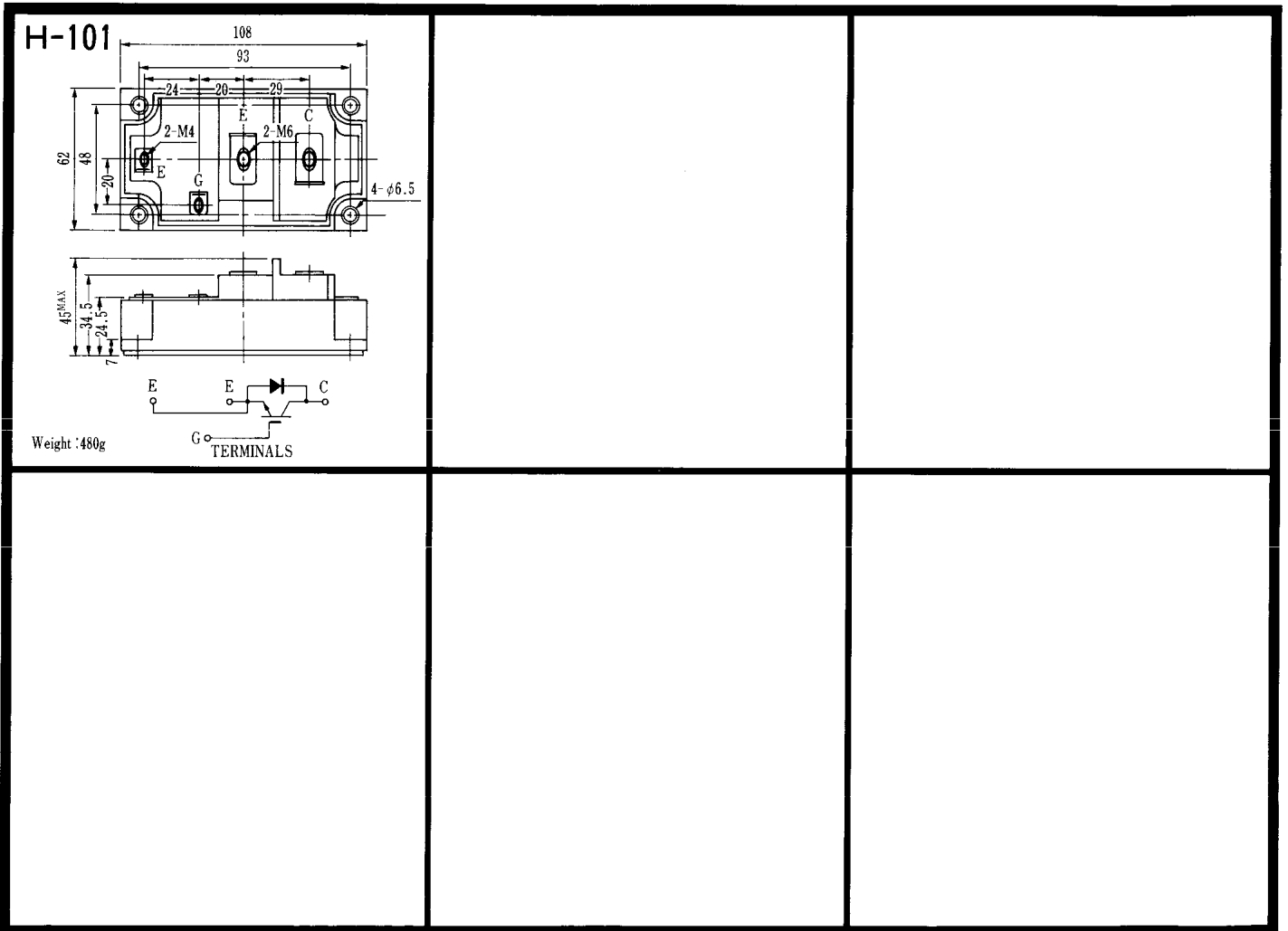
〈寸法図単位：mm〉

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



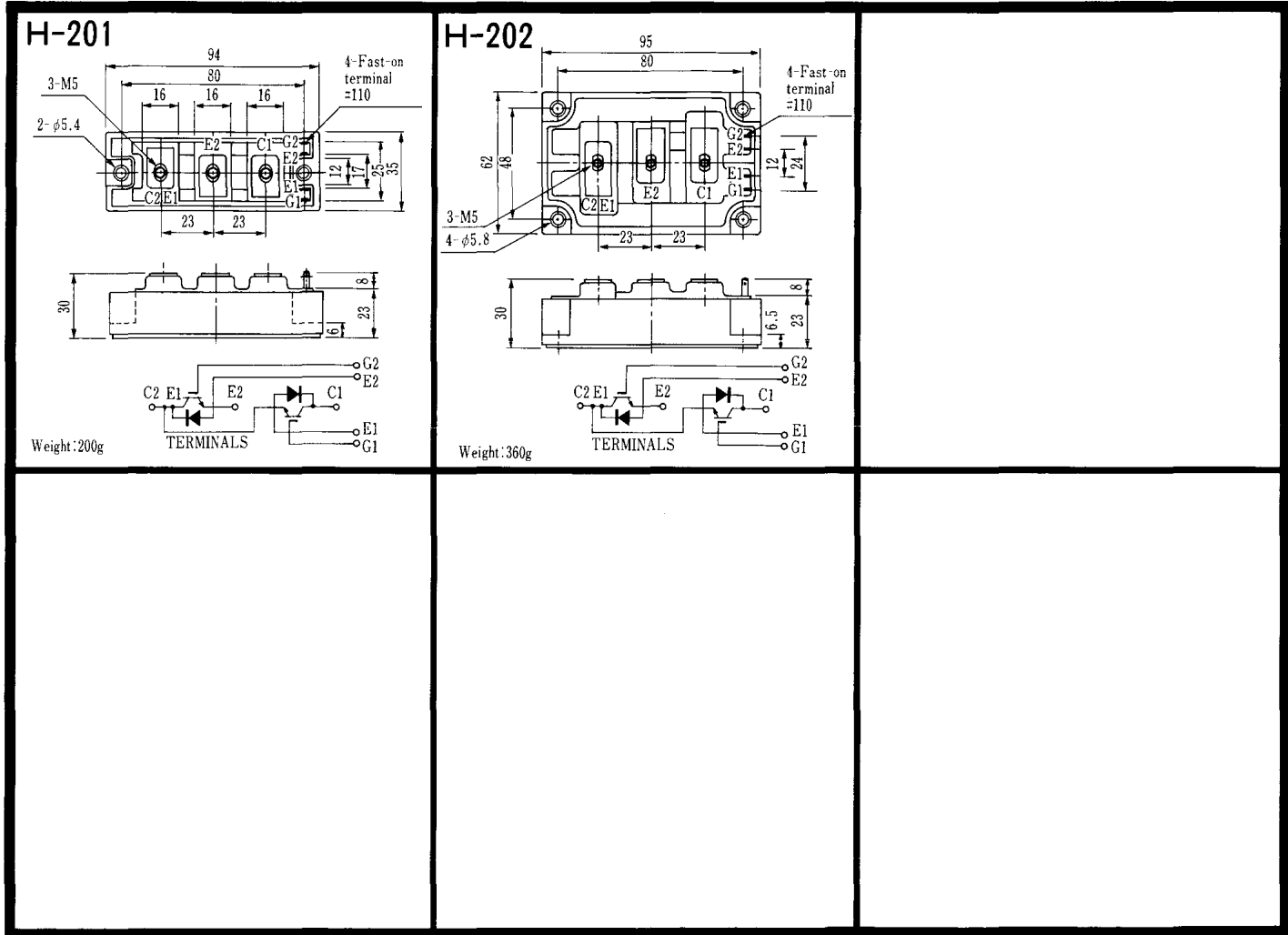
〈寸法図単位：mm〉

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



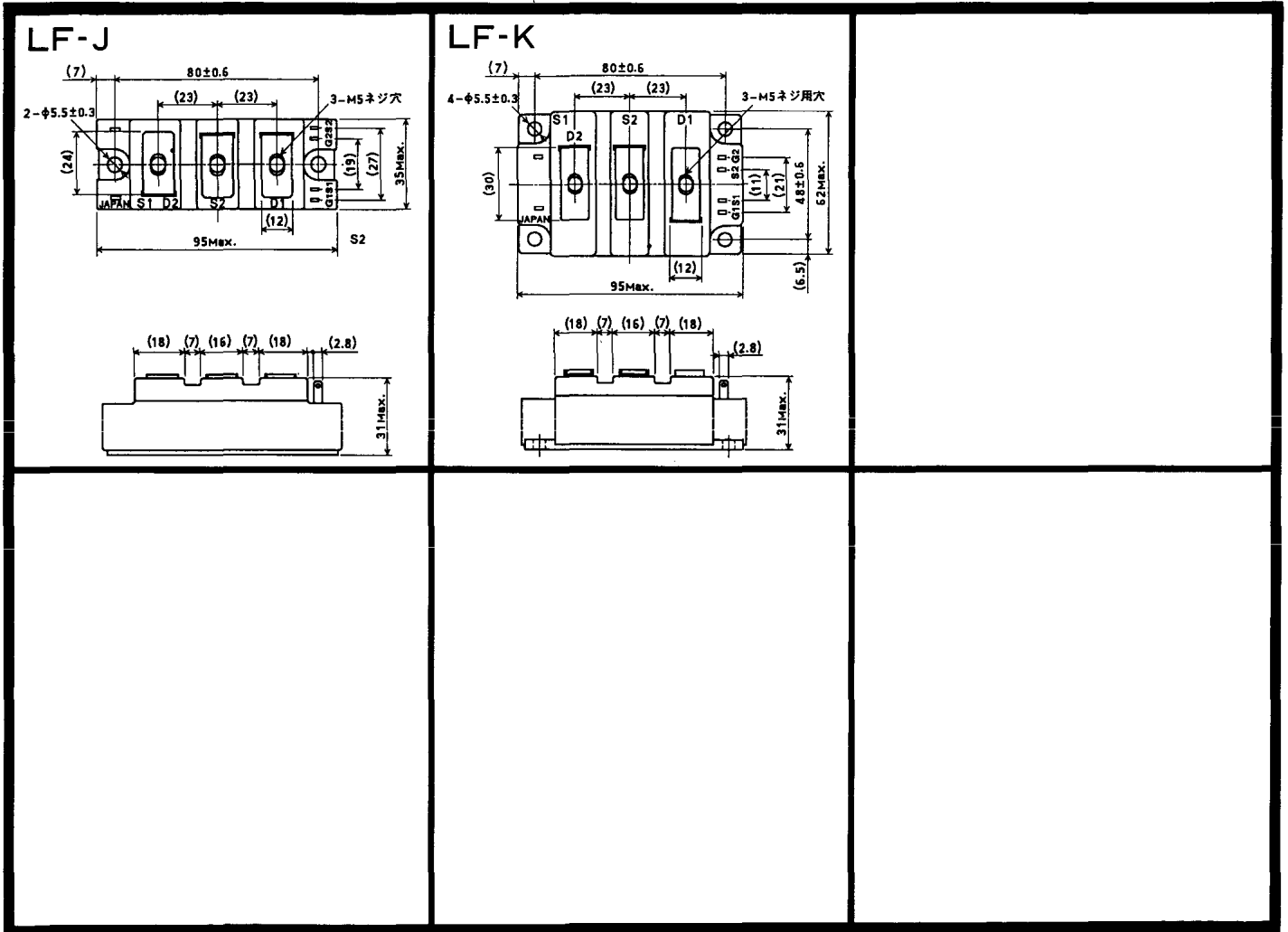
<http://store.iic.cc/>

《寸法图单位:mm》



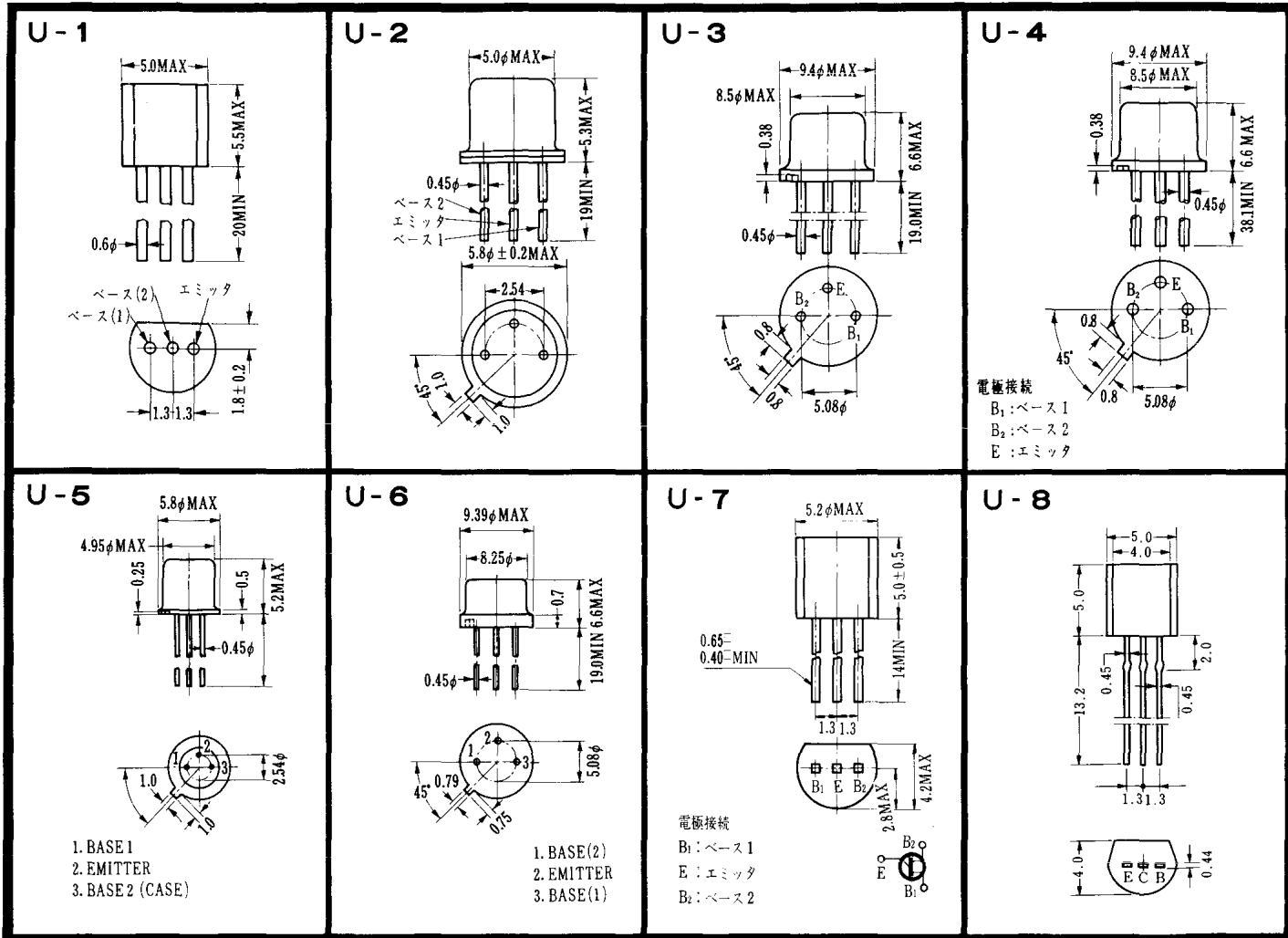
〈寸法図単位:mm〉

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



〈寸法図単位：mm〉

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



〈寸法図単位: mm〉

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