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最新トランジスタ規格表 (New Transistor Manual) lists all the transistors registered with the Electronic Industries Association of Japan (EIAJ), arranged in a manner easy to look up. We hope that you will make full use of the data provided in this manual by referring to the Japanese-English translation key given below.

型名	社名	用途	構造	最大定格 (T _b =25°C)					電気的特性 (T _b =25°C)										備考	
				V _{ceo} (V)	V _{ceo} (V)	I _c (mA)	P _c (mW)	T _j (°C)	I _{ceo} 最大値 (μA)	直流又はパルスI _{BE}		バイアス		h _{FE}	h _{ie} h _{ie} * (Ω)	h _{re} h _{re} * (×10 ⁻⁴)	h _{oe} h _{oe} * (μS)	f _{αb} f _r * (Mc)		C _{ob} (pF)
1	2	3	4	5					6		7		8				9	10	11	12

- 1 TYPE NUMBER
- 2 ORIGINAL MANUFACTURER
- 3 USES
- 4 MATERIAL AND STRUCTURE
- 5 MAXIMUM RATINGS
- 6 I_{CBO} MAXIMUM VALUE AND V_{CB} VALUE (CRITERIA FOR MEASURING I_{CBO})
- 7 STANDARD VALUE OF DC/PULSE h_{FE} AND V_{CE}, I_C (CRITERIA FOR MEASURING DC/PULSE h_{FE})
- 8 STANDARD VALUE OF h PARAMETERS AND BIAS V_{CB}, I_E (CRITERIA FOR MEASURING h PARAMETERS)

- * INDICATES VALUE IN GROUNDED-BASE OPERATION, OTHERWISE VALUE IN EMITTER-GROUNDED OPERATION.
- 9 f_{αb} OF RF CHARACTERISTIC, EXCEPT IN CASE OF * WHICH INDICATES VALUE OF f_r.
- 10 C_{ob} AND r_{bb'} OF RF CHARACTERISTICS EXCEPT IN CASE OF * IN r_{bb'} COLUMN WHICH INDICATES VALUE OF h_{ie} (real)
- 11 OUTLINE
- 12 REMARKS

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型名	社名	用途	構造	最大定格 (T _a = 25°C)					電気的特性 (T _a = 25°C)											外形	備考		
				V _{CB0} (V)	V _{EB0} (V)	I _C (mA)	P _C (mW)	T _J (°C)	I _{CB0} 最大値		直流又はパルス h _{FE}		バイアス		h _{fe} h _β *	h _{ie} h _{ib} * (Ω)	h _{re} h _{rb} * (×10 ⁻⁴)	h _{oe} h _{ob} * (μU)	f _{ab} f _T * (Mc)			C _{ob} (pF)	r _{bb} h _{ie} (real)* (Ω)
									(μA)	V _{CB} (V)	V _{CE} (V)	I _C (mA)	V _{CB} (V)	I _E (mA)									
2SC2412	東洋電機	AF, RF Osc. SW	Si. EP	50	5	100	200	125	0.5	30	120~560	6	1	12	-2				180*	2	335	2SA1037 とコンパリ	
" 2413	"	RF, IF, Osc	"	40	5	50	200	125	0.5	24	56~270	6	1	6	-1				300*	1.3	335		
" 2414	松下	SW	Si. TMe	500	7	2 A	70W (T _c =25°C)	150	100	500	> 8	5	1 A								102		
" 2415	"	"	"	500	7	7 A	90W (T _c =25°C)	150	100	500	> 8	5	3 A								102		
" 2416	"	"	"	500	7	10 A	120W (T _c =25°C)	150	100	500	> 8	5	5 A								102		
" 2417																							
" 2418																							
" 2419	東芝	PA	Si. E	65	4	1 A	6 W (T _c =25°C)	150	100	30	50	3	150								84B		
" 2420	"	"	Si. EP	40	4	6 A	70W (T _c =25°C)	150	2mA	15	>10	5	5 A							110	316		
" 2421	富士電機	"	Si. TP	200	7	5 A	100W (T _c =25°C)	150	1mA	200	700	4	1 A	12	-500				30*	35	100*	102	
" 2422	"	"	"	150	7	5 A	100W (T _c =25°C)	150	1mA	150	700	4	1 A	12	-500				40*	60	80*	102	
" 2423	"	"	"	200	7	5 A	40W (T _c =25°C)	150	1mA	200	700	4	1 A	12	-500				30*	35	100*	321	
" 2424	"	"	"	150	7	5 A	40W (T _c =25°C)	150	1mA	150	700	4	1 A	12	-500				40*	60	80*	321	
" 2425	富士通	AF, PA	"	300	5	300	1.5W	175	1	270	80	10	50						20*		268		
" 2426																							
" 2427	富士通	SW	Si. TP	500	7	7 A	40W (T _c =25°C)	150	10	450	20	5	2 A								268		
" 2428	"	SW, PA	Si. EP	180	5	12 A	120W (T _c =25°C)	175	50	180	100	5	500	10	-1 A					60*	200	102	
" 2429	"	SW	"	450	7	15 A	150W (T _c =25°C)	175	100	450	15	5	10 A								102		
" 2430	"	SW, PA	"	120	5	10 A	100W (T _c =25°C)	175	50	120	100	5	1 A	10	-1 A					80*	200	102	
" 2431	"	"	"	120	5	15 A	100W (T _c =25°C)	175	50	120	100	5	1.5 A	10	-1 A					80*	250	102	
" 2432	"	"	"	70	5	15 A	100W (T _c =25°C)	175	50	70	100	5	1.5 A	10	-1 A					80*	250	102	
" 2433	"	"	"	120	5	30 A	150W (T _c =25°C)	175	50	120	100	5	3 A	10	-2 A					80*	500	299	
" 2434	"	"	"	70	5	30 A	150W (T _c =25°C)	175	50	70	100	5	3 A	10	-2 A					80*	500	299	
" 2435	"	"	"	100	5	10 A	100W (T _c =25°C)	175	50	100	3000	3	2 A								102		
" 2436	"	"	"	100	5	15 A	100W (T _c =25°C)	175	50	100	3000	3	3 A								102		
" 2437	富士電機	SW	Si. TP	450	7	7 A	100W (T _c =25°C)	150	1mA	450	>10	4	3 A								102		
" 2438	"	"	"	150	7	7 A	50W (T _c =25°C)	150	100	150	120	5	1 A								268		
" 2439	"	"	"	150	7	7 A	50W (T _c =25°C)	150	100	150	120	5	1 A								268		
" 2440	"	"	"	450	7	5 A	40W (T _c =25°C)	150	100	400	>15	5	2 A								268		
" 2441	三洋	PA	Si. EP	180	5	80	1 W	150	1	120	60~320	5	10	-10						150*	2.7	296	

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