

**2.1.2 D-PACK Type Transistors**

I <sub>c</sub> (A)	V <sub>CE0</sub> (V)	Device Type		Condition		h <sub>FE</sub>		Condition		V <sub>CE(sat)</sub> (V)		Condition		f <sub>T</sub> (MHz)		P <sub>c</sub> (W)
		NPN	PNP	V <sub>CE</sub> (V)	I <sub>c</sub> (A)	MIN	MAX	I <sub>c</sub> (A)	I <sub>B</sub> (A)	TYP	MAX	V <sub>CE</sub> (V)	I <sub>c</sub> (A)	MIN	TYP	
0.5	300	KSH340	KSH350	10	0.05	30	240									15
1	40	KSH29	KSH30	4	1	15	75	1	0.125		0.7	10	0.2		3	15
	100	KSH29C	KSH30C	4	1	15	75	1	0.125		0.7	10	0.2		3	15
	250	KSH47		10	0.3	30	150	1	0.2		1	10	0.2		10	15
	400	KSH50		10	0.3	30	150	1	0.2		1	10	0.2		10	15
1.5	400	KSH13003		5	0.5	8	40	0.5	0.1		0.5	10	0.1	4		40
2	400	KSC3233		5	0.1	20		1	0.2		1					20
3	40	KSH31	KSH32	4	3	10	50	3	0.375		1.2	10	0.5		3	15
	60	KSD1221	KSB906	5	0.5	60	300	3	0.3	0.4	1	5	0.5		3	20
	100	KSC31C	KSH32C	4	3	10	50	3	0.375		1.2	10	0.5		3	15
5	25	KSH200	MD210	1	0.5	70		0.5	0.05		0.3	10	0.1	65		12.5
6	100	KSH41C	KSH42C	4	3	15	75	6	0.6		1.5	10	0.5		3	20
8	80	KSH44H11	KSH45H11	1	2	60		8	0.4		1	10	0.5		50	20
10	60	KSH3055	KSH2955	4	4	20	100	4	0.4		1.1	10	0.5	2		20

**2.1.3 I-PACK Type Transistors**

I <sub>c</sub> (A)	V <sub>CE0</sub> (V)	Device Type		Condition		h <sub>FE</sub>		Condition		V <sub>CE(sat)</sub> (V)		Condition		f <sub>T</sub> (MHz)		P <sub>c</sub> (W)
		NPN	PNP	V <sub>CE</sub> (V)	I <sub>c</sub> (A)	MIN	MAX	I <sub>c</sub> (A)	I <sub>B</sub> (A)	TYP	MAX	V <sub>CE</sub> (V)	I <sub>c</sub> (A)	MIN	TYP	
0.5	400	KSC5054	KSA5055	5	0.05	20	80	0.3	0.06		1					10
1.5	400	KSH13003-I		5	0.5	8	40	0.5	0.1		0.5	10	0.1	4		40
2	50	KSC3076	KSA1241	2	0.5	70	240	1	0.05		0.5	2	0.5		100	10
3	30	KSC3073	KSA1243	2	0.5	70	240	2	0.2	0.3	0.5	2	0.5		100	10
5	20		KSA1242	2	0.5	100	320	4	0.1		0.5	2	0.5		180	10
	50	KSC3074	KSA1244	1	1	70	240	3	0.15		1	4	1		60	20