

HIGH VOLTAGE TRANSISTORS



TO-36

TYPE NO.	PT @ 25°C	Ic MAX	@ VCE0 Ic SUS		@ VCE0 ICE0		@ VCEX Ic (125°C)		hFE		@ Ic VCE		@ VEB0 IEBO		@ VCE Ic (SAT)		VBE	ft MHz
	Watts	A	V	MA	V	MA	V	MA	MIN	MAX	A	V	V	MA	V	A	V	MIN
	2N2580	150	10	325	100	400	5			10	40	5*	5	5	50	.7	5	1.5
2N2580M	150	10	325	100	400	5			10	40	5*	5	5	50	.7	5	1.5	2
2N2581	150	10	325	100	400	5			25	65	5**	5	5	50	.7	5	1.7	2
2N2582	150	10	325	100	500	5			10	40	5*	5	5	50	.7	5	1.5	2
2N2583	150	10	325	100	500	5			25	65	5**	5	5	50	1.0	10	1.7	2
2N3079	150	10	325	100	200	5			10	50	5	5	5	50	.7	5	1.5	2
2N3080	150	10	325	100	300	5			10	50	5	5	5	50	.7	5	1.5	2

*hFE min = 4 @ 10A

**hFE min = 10 @ 10A

HIGH VOLTAGE TRANSISTORS



TO-3

TYPE NO.	PT @ 25°C Watts	MAXIMUM RATINGS				hFE		Sat Voltages				Test Conditions		IEBO ma
		BVCBO	BVCEO	BVEBO	Ic	MIN	MAX	VCE	VBE	Ic	Ib			
		V	V	V	A							A	A	
2N5838	100	275	275	6	3	8	40	2	2	1.0	2.0	3.0	.375	1
2N5839	100	300	300	6	3	10	50	2	3	1.5	2.0	2.0	.2	1
2N5840	100	375	375	6	3	10	50	2	3	1.5	2.0	2.0	.2	1
2N5466	80	500	400	8	3.0	15	60	3.0	5	.5	1.5	3.0	.6	
2N5467	80	700	400	8	3.0	15	60	3.0	5	.5	1.5	3.0	.6	
2N6306	125	500	250	8	8.0	15	75	3.0	5	.8	1.2	3.0	.6	
2N6307	125	600	300	8	8.0	15	75	3.0	5	1.0	1.2	3.0	.6	
2N6308	125	700	350	8	8.0	12	60	3.0	5	1.0	1.2	3.0	.6	
SPC430	125	400	300	5	5.0	15	45	2.5	5	.9	1.5	2.5	.5	20
SPC431	125	400	325	5	5.0	15	35	2.5	5	.7	1.5	2.5	.5	2
SPC431M	125	400	325	5	5.0	15	35	2.5	5	.7	1.5	2.5	.5	2

Solid Power Corporation