

## Bipolar Power Transistors

## General Purpose (Continued)

Type No.	V <sub>CEO(sus)</sub> V	V <sub>CES(sus)</sub> V	P <sub>T</sub> W	hFE		V <sub>CE(sat)</sub> -V		f <sub>T</sub> (Typ) MHz	JEDEC Package		
				I <sub>C</sub> A	V <sub>CE</sub> V	I <sub>C</sub> A	I <sub>B</sub> A				
<b>D43C FAMILY (p-n-p)</b>			-	<b>Complementary to D42C Family</b>							
D43C1	-30	-40	12.5	10 min.	-1	-1	-0.5	-1	-0.1	40	TO-202
D43C2	-30	-40	12.5	20 min.	-2	-1	-0.5	-1	-0.05		
D43C3	-30	-40	12.5	20 min.	-2	-1	-0.5	-1	-0.05		
D43C4	-45	-55	12.5	10 min.	-1	-1	-0.5	-1	-0.1		
D43C5	-45	-55	12.5	20 min.	-2	-1	-0.5	-1	-0.05		
D43C6	-45	-55	12.5	20 min.	-2	-1	-0.5	-1	-0.05		
D43C7	-60	-70	12.5	10 min.	-1	-1	-0.5	-1	-0.1		
D43C8	-60	-70	12.5	20 min.	-2	-1	-0.5	-1	-0.05		
D43C9	-60	-70	12.5	20 min.	-2	-1	-0.5	-1	-0.05		
D43C10	-80	-90	12.5	10 min.	-1	-1	-0.5	-1	-0.1		
D43C11	-80	-90	12.5	20 min.	-2	-1	-0.5	-1	-0.05		
D43C12	-80	-90	12.5	20 min.	-2	-1	-0.5	-1	-0.05		
<b>D44C FAMILY (n-p-n)</b>			-	<b>Complementary to D45C Family</b>							
D44C1	30	40	30	10 min.	1	1	0.5	1	0.1	50	TO-220AB
D44C2	30	40	30	20 min.	2	1	0.5	1	0.05		
D44C3	30	40	30	20 min.	2	1	0.5	1	0.05		
D44C4	45	55	30	10 min.	1	1	0.5	1	0.1		
D44C5	45	55	30	20 min.	2	1	0.5	1	0.05		
D44C6	45	55	30	20 min.	2	1	0.5	1	0.05		
D44C7	60	70	30	10 min.	1	1	0.5	1	0.1		
D44C8	60	70	30	20 min.	2	1	0.5	1	0.05		
D44C9	60	70	30	20 min.	2	1	0.5	1	0.05		
D44C10	80	90	30	10 min.	1	1	0.5	1	0.1		
D44C11	80	90	30	20 min.	2	1	0.5	1	0.05		
D44C12	80	90	30	20 min.	2	1	0.5	1	0.05		
<b>D45C FAMILY (p-n-p)</b>			-	<b>Complementary to D44C Family</b>							
D45C1	-30	-40	30	10 min.	-1	-1	-0.5	-1	-0.1	40	TO-220AB
D45C2	-30	-40	30	20 min.	-1	-1	-0.5	-1	-0.05		
D45C3	-30	-40	30	20 min.	-2	-1	-0.5	-1	-0.05		
D45C4	-45	-55	30	10 min.	-1	-1	-0.5	-1	-0.1		
D45C5	-45	-55	30	20 min.	-1	-1	-0.5	-1	-0.05		
D45C6	-45	-55	30	20 min.	-2	-1	-0.5	-1	-0.05		
D45C7	-60	-70	30	10 min.	-1	-1	-0.5	-1	-0.1		
D45C8	-60	-70	30	20 min.	-1	-1	-0.5	-1	-0.05		
D45C9	-60	-70	30	20 min.	-2	-1	-0.5	-1	-0.05		
D45C10	-80	-90	30	10 min.	-1	-1	-0.5	-1	-0.1		
D45C11	-80	-90	30	20 min.	-1	-1	-0.5	-1	-0.05		
D45C12	-80	-90	30	20 min.	-2	-1	-0.5	-1	-0.05		
<b>D44H FAMILY (n-p-n)</b>			-	<b>Complementary to D45H Family</b>							
D44H1	30	30	50	20 min.	4	1	1	8	0.8	50	TO-220AB
D44H2	30	30	50	40 min.	4	1	1	8	0.4		
D44H4	45	45	50	20 min.	4	1	1	8	0.8		
D44H5	45	45	50	40 min.	4	1	1	8	0.4		
D44H7	60	60	50	20 min.	4	1	1	8	0.8		
D44H8	60	60	50	40 min.	4	1	1	8	0.4		
D44H10	80	80	50	20 min.	4	1	1	8	0.8		
D44H11	80	80	50	40 min.	4	1	1	8	0.4		