TO-18 Metal-Can Package Transistors (NPN)

Maximum Ratings							Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																							
Type No.	V_{CBO} (V) Min	V_{CEO} (V) Min	V_{EBO} (V) Min	P_D (W) @Tc=25°c	I_C (A)	I_{CM} (A)	I_{CBO} (µA) Max	V_{CB} @ (V)	I_{CES} (µA) Max	V_{CE} @ (V)	h_{FE} Min	h_{FE} Max	@ I_C & (mA)	V_{CE} (V)	$V_{CE(SAT)}$ (V) & Max	$V_{BE(SAT)}$ (V) Min	$V_{BE(SAT)}$ (V) Max	I_C @ (mA)	C_{ob} (pF) Min	C_{ob} (pF) Max	C_{ob} (pF) Typ	f_t (MHz) Min	f_t (MHz) Typ	f_t (MHz) Max	@ I_C (mA)	$t_{(off)}$ (ns) Max	NF @ Freq (dB) Max	(MHz)
2N2483	60	60	6	0.36		0.05	0.01	45			40	120	0.01	5	0.35			1	6	80		60	80		0.5		15	
											75		0.1	5														
											100		0.5	5														
											175		1	5														
												500	10	5														
2N2484	60	60	6	0.36	0.05		0.01	45			250		1	5	0.35			1	6			60	80		0.5		3	
											200		0.5	5														
											175		0.1	5														
											100	500	0.01	5														
											30		0.001	5														
												800	10	5														
2N2586	60	45	6	0.3	0.03		0.002	45				600	10	5	0.5	0.7	0.9	10	2			45			0.5		3.5	
											150		0.5	5														
											120	360	0.01	5														
											80		1	5														
2N2897	60	45	7	0.5	1		0.05	60			35		1	10	1		1.3	150	15			100			50			
											50	200	150	10														
2N3117	60	60	6	0.36	0.05		0.01	45			400		1	5	0.35			1	4.5			60			0.5		1	
											300		0.1	5														
											250	500	0.01	5														
											100		0.001	5														
2N3647	40	10		0.4	0.5		0.025	40			25	150	150	1														
2N3700	140	80	7	0.5	1		0.01	90			100	300	150	10	0.2		1.1	150	12			100		400	50		4	0.001
											90		10	10	0.5			500										
											50		0.1	10														
											50		500	10														
											15		1000	10														
2N6430	200	200	6	0.5	0.05		0.1	160			25		1	10	0.5		0.9	20	4			50		500	10			
											40		10	10														
											50	200	30	10														
2N706	25	15	3	0.3	0.05		0.5	15			20		10	1	0.6		0.9	10	6			200			10	75		
2N706A	25	15	5	0.3	0.05		10	25			20	60	10	1	0.6	0.7	0.9	10	5			200			10	75		
2N708	40	15	5	0.36			0.025	20			30	120	10	1	0.4	0.72	0.8	10	6			300			10	70		
											15		0.5	1														
2N718	60	30	5	0.4	0.5		1	30			40	120	150	10	1.5		1.3	150	35			50			15			
2N718A	75	50	7	0.5	0.5		0.01	60			20		500	10	1.5		1.3	150	25			60			50		12	
											40	120	150	10														
											35		10	10														
											20		0.1	10														
2N720	120	80	5	0.4	0.4		2	60			40	120	150	10	5		1.3	150	20									
2N720A	120	80	7	0.5		0.5	0.01	90			20		0.1	10	1.2		0.9	50	15			50			50			
											35		10	10	5		1.3	150										
											40	120	150	10														
2N834	40	20	5	0.3	0.2		0.5	20	0.01	30	25		10	1	0.25		0.9	10	4			350			10	75		
															0.4			50										
2N910	100	60	7	0.5	1		0.025	75			35		0.1	10	0.4	0.6	0.8	10	15			60			50		12	
											75		10	10	1.2		0.9	50										
2N911	100	60	7	0.5	0.5		0.025	75			20		0.1	10	0.4	0.6	0.8	10				50			50		15	
											75		10	10	1.2		0.9	50										
											15		10	10														

Datasheet.Live