

TO-237 Plastic Package Transistors (NPN)

Maximum Ratings							Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)														
Type No.	V _{CB0} (V)	V _{CEO} (V)	V _{EBO} (V)	P _D (W)	I _C (A)	I _{CM} (A)	I _{CB0} (μA)	V _{CB} (V)	h _{FE}	@	I _C & V _{CE} (mA)	V _{CE(SAT)} (V) & V _{BE(SAT)} (V)	I _C @ (mA)	C _{ob} (pF)	f _t (MHz)	@	I _C (mA)	t _{off} (ns)	CDIL Case Style		
	Min	Min	Min	@Tc=25°C			Max		Min	Max		Max	Min	Max	Typ	Max	Min	Typ	Max	Max	
2N6715	50	40	5	0.75	1.5		0.1	50	55		10	1	0.5	1000			50	400	50		TO-237-2
									60		100	1									
									50	250	1000	1									
2N6716	60	60	5	0.75	1.5		0.1	40	80		50	1	0.35	250			50	500	50		TO-237-2
									50	250	250	1									
									20		500	1									
2N6717	80	80	5	0.75	1		0.1	60	80		50	1	0.35	250			50	500	200		TO-237-2
									50	250	250	1									
									20		500	1									
2N6718	100	100	5	0.75	1		0.1	80	80		50	1	0.35	350			50	500	200		TO-237-2
									50	250	250	1									
									20		500	1									
2N6719	300	300	7	0.75	0.5		0.1	200	25		1	10					30	300	15		TO-237-2
									40		10	10									
									40	200	30	10									
2N6731	100	80	5	0.75	1		0.1	80	100		10	2	0.35	350			50	500	200		TO-237-2
									100	300	350	2									
2N6733	200	200	6	0.75	0.5		0.1	160	25		1	10					50	200	10		TO-237-2
									40	200	10	10									
2N6734	250	250	6	0.75	0.5		0.1	200	25		1	10					50	200	10		TO-237-2
									40	200	10	10									
2N6735	300	300	6	0.75	0.5		0.1	260	25		1	10					50	200	10		TO-237-2
									40	200	10	10									
CIL2229	200	150	5	0.75	0.05		0.1	200	70	240	10	5	0.5	1	10	4	5	120	10		TO-237-1
CIL2229O	200	150	5	0.75	0.05		0.1	200	70	140	10	5	0.5	1	10	4	5	120	10		TO-237-1
CIL2229Y	200	150	5	0.75	0.05		0.1	200	120	240	10	5	0.5	1	10	4	5	120	10		TO-237-1
CIL2230	200	160	5	0.75	0.1		0.1	200	120	400	10	10	0.5		50		7	50	10		TO-237-1
									80		50	10									
CIL2230A	200	180	5	0.75	0.1		0.1	200	120	400	10	10	0.5		50		7	50	10		TO-237-1
									80		50	10									
CIL2230GR	200	160	5	0.75	0.1		0.1	200	200	400	10	10	0.5		50		7	50	10		TO-237-1
									80		50	10									
CIL2230Y	200	160	5	0.75	0.1		0.1	200	120	240	10	10	0.5		50		7	50	10		TO-237-1
									80		50	10									
CIL2328A	30	30	5	1	1.5		0.1	30	100	320	500	2	2		1500	30		120	500		TO-237-1
CIL2328AO	30	30	5	1	1.5		0.1	30	100	200	500	2	2		1500	30		120	500		TO-237-1
CIL2328AY	30	30	5	1	1.5		0.1	30	100	300	500	2	2		1500	30		120	500		TO-237-1
CIL2331	80	60	8	1	0.7		0.1	60	40	240	50	2	0.7		500	8		30	50	50	TO-237-1
CIL2331O	80	60	8	1	0.7		0.1	60	40	140	50	2	0.7		500	8		30	50	50	TO-237-1
CIL2331Y	80	60	8	1	0.7		0.1	60	120	240	50	2	0.7		500	8		30	50	50	TO-237-1
CIL2383	160	160	6	0.75	1		1	150	60	320	200	5	1.5		500		20	20	200		TO-237-1
CIL2383O	160	160	6	0.75	1		1	150	100	200	200	5	1.5		500		20	20	200		TO-237-1