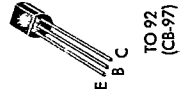


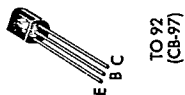
small signal transistors - plastic case

Types N°	TCC N°	VCBO min (V)	VCEO min (V)	VEBO min (V)	ICBO/VCB max (nA)	h _{21E} / I _C / VCE min max (mA)	VCE set max (V)	VBE / I _C sat max (V)	I _C / I _C min max (mA)	f _t min max (MHz)	C _{ob} max (pF)	t _{off} max (ns)	NF max (dB)	TX Family	Case
2N 2222	TL 2222	60	30	5	10	100* 50*	0.4	1.3	150	250	8			610	
2N 2222 A	TL 2222 A	75	40	6	10	150 300	0.3	1.2	150	300	8	285		610	
2N 2907	TL 2907	-60	-40	-5	20	100* 30* 75	-0.4 -1.6	-1.3 -2.6	150 500		8	175		660	
2N 2907 A	TL 2907 A	-60	-60	-5	10	100* 50* 100	-0.4 -1.6	-1.3 -2.6	150 500		8	200		660	
2N 3565	TL 3565	30	25	6	25	150 600	1		1	40	4			603	
2N 3568	TL 3568	80	80	5	40	40 120	0.25		150	60	20			614	
2N 3569	TL 3569	80	40	5	50	30 300	0.25		150	60	20			610	
2N 3643	TL 3643	60	30	5	50	100 300	0.22		150	250	8			610	
2N 3644	TL 3644	-45	-45	-5	35	20 40 80 100 115 100 20	-1.0	-2.0	300	200	8	200		660	
2N 3645	TL 3645	-60	-60	-5	35	0.1 1.0 10 300	-1.0 -0.25	-2.0 -1.0	300 50	200	8	200		660	
2N 3904	2N 3904	60	40	6	50	40 70 100 60 300	0.1 0.3	0.85 0.95	10 50	300	4	250	5	621	
2N 3906	2N 3906	-40	-40	-5	50	60 80 100 60 30	-0.25 -0.4	-0.85 -0.95	10 50	250	4.5	250		671	
2N 4124	2N 4124	30	25	5	50	120 60	0.3	0.95	50	300	4		5	621	
2N 4126	TL 4126	-25	-25	-4	50	120 60	-0.4	-0.95	50	250	4.5		4	671	
2N 4249	TL 4249	-60	-60	-5	10	100 300	-0.25		10		6		3	653	



* Pulse conditions

small signal transistors - plastic case



Types N°	TCC N°	VCBO min (V)	VCEO min (V)	VEBO min (V)	ICBO/VCB max (mA)	h _{21E} / I _C / V _{CE}		V _{CE} sat max (V)	V _{BE} / I _C sat max (V)	I _C / I _C (mA)	C _{ob} max (pF)	t _{off} max (ns)	NF max (dB)	TX Family	Case
						min	max								
2N 4400	2N 4400	60	40	6		20	1			20		255		610	
						40	1								
2N 4401	2N 4401	60	40	6		150	1	0.40 0.75	0.95 1.20	20		255		610	
						20*	2								
						20	1								
						40	1								
2N 4402	2N 4402	-40	-40	-5		300	1	-0.4 -0.75	-0.95 -1.30	20		255		660	
						40*	2								
						30	1								
						50	1								
2N 4403	2N 4403	-40	-40	-5		30	1	-0.4 -0.75	-0.95 -1.20	20		255		660	
						60	1								
						100	1								
						100	1								
2N 5087	2N 5087	-50	-50			800	0.1	-0.4 -0.75	-0.95 -1.20	0.5	4	4	2	653	
						250	1								
						250	1								
						250	1								
2N 5088	2N 5088	35	35			900	0.1	-0.3	10	10	4	4	3	603	
						300	1								
						350	1								
						300	1								
2N 5089	2N 5089	35	30			1200	0.1	0.5	10	10	4	4	3	603	
						400	1								
						450	1								
						400	1								
2N 5210	2N 5210	50	50	0		600	0.1	0.5	10	0.5	4	4	2	603	
						200	1								
						250	1								
						250	1								
MPS 3638	MPS 3638	-25	-25	-4		20	10	1.1 2	50 300	50	20	170		660	
						30	1								
						20	2								
						20	2								
MPS 3638A	MPS 3638A	-25	-25	-4		80	1	1.1 2.0	50 300	50	10	170		660	
						100	10								
						100	1								
						20	2								
MPS 4355	TL 4355	-60	-60	-5		60	0.1	-0.15 -0.5 -1.0	-0.9 -1.5 -1.2	50	30	400	3	664	
						75	1								
						100	10								
						75	10								

* Pulse conditions