

**PRO-ELECTRON (EUROPEAN) SMALL AND MEDIUM POWER PLASTIC TRANSISTORS**

Type	Polarity	Maximum Ratings				Electrical Characteristics @ 25°C								Package
		PD Ambient mW	VCB Volts	VCE Volts	VEB Volts	HFE @ 1C		VCE(Sat)@1C/1B		ft MHz	Cob pf	NF @ f		
						Min/Max	mA	Volts	mA/mA			Max	kHz	
BC212	PNP	300	60	50	5	60/300	2	0.6	100/5	200	10	10	1	TO-92/5
BC212L	PNP	300	60	50	5	60/300	2	0.6	100/5	200	10	10	1	TO-92/2
BC213	PNP	300	45	30	5	80/400	2	0.6	100/5	200	10	10	1	TO-92/5
BC213L	PNP	300	45	30	5	80/400	2	0.6	100/5	200	10	10	1	TO-92/2
BC214	PNP	300	45	30	5	140/900	2	0.6	100/5	200	10	—	—	TO-92/5
BC214L	PNP	300	45	30	5	140/900	2	0.6	100/5	200	10	—	—	TO-92/2
BC237	NPN	300	50	45	6	125/500	2	0.6	100/5	300*	4.5	10	1	TO-92/5
BC238	NPN	300	30	20	5	125/900	2	0.6	100/5	300*	4.5	10	1	TO-92/5
BC239	NPN	300	30	20	5	240/900	2	0.6	100/5	300*	4.5	4	1	TO-92/5
BC307	PNP	300	50	45	5	140/—	2	0.25*	100/5	150*	4.5	10	1	TO-92/5
BC308	PNP	300	30	25	5	180/—	2	0.25*	100/5	150*	4.5	10	1	TO-92/5
BC309	PNP	300	25	20	5	180/—	2	0.25*	100/5	150*	4.5	4	1	TO-92/5
BC327	PNP	625	50Δ	45	5	100/600	100	0.7	500/50	100*	8*	—	—	TO-92/5
BC328	PNP	625	30Δ	25	5	100/600	100	0.7	500/50	100*	8*	—	—	TO-92/5
BC337	NPN	625	50	45	5	100/600	100	0.7	500/50	100*	8*	—	—	TO-92/5
BC338	NPN	625	30	25	5	100/600	100	0.7	500/50	100*	8*	—	—	TO-92/5
BC547	NPN	300	50	45	6	110/450	2	0.6	100/5	300*	4.5*	10	1	TO-92/5
BC548	NPN	300	30	20	5	110/800	2	0.6	100/5	300*	4.5*	10	1	TO-92/5
BC549	NPN	300	30	20	5	200/800	2	0.6	100/5	300*	4.5*	4	1	TO-92/5

Δ VCES  
\* Typical

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		PD Ambient mW	VCB Volts	VCE Volts	VEB Volts	HFE @ IC		VCE(Sat) @ IC/IB		ft MHz	Cob pf	NF @ f		
						Min/Max	mA	Volts	mA/mA			Min	Max	
2N2711	NPN	200	18	18	5	30/90	2	—	— / —	—	12	—	—	TO-92/2
2N2712	NPN	200	18	18	5	75/225	2	—	— / —	—	12	—	—	TO-92/2
2N2713	NPN	360	18	18	5	30/90	2	0.3	50/3	250*	4	—	—	TO-92/2
2N2714	NPN	360	18	18	5	75/225	2	0.3	50/3	250*	4	—	—	TO-92/2
2N2716	NPN	200	18	18	5	75/225	2	—	— / —	—	4	—	—	TO-92/2
2N2923	NPN	360	25	25	5	90/180	2	—	— / —	160*	10	—	—	TO-92/2
2N2924	NPN	360	25	25	5	150/300	3	—	— / —	160*	10	—	—	TO-92/2
2N2925	NPN	360	25	25	5	235/470	2	—	— / —	160*	10	—	—	TO-92/2
2N2926	NPN	200	25	25	5	35/470	2	—	— / —	120*	12	—	—	TO-92/2
2N3392	NPN	360	25	25	5	150/300	2	—	— / —	120*	10	—	—	TO-92/2
2N3393	NPN	360	25	25	5	90/180	2	—	— / —	120*	10	—	—	TO-92/2
2N3394	NPN	360	25	25	5	55/110	2	—	— / —	120*	10	—	—	TO-92/2
2N3395	NPN	360	25	25	5	150/500	2	—	— / —	—	10	—	—	TO-92/2
2N3396	NPN	360	25	25	5	90/500	2	—	— / —	—	10	—	—	TO-92/2
2N3397	NPN	360	25	25	5	55/500	2	—	— / —	—	10	—	—	TO-92/2
2N3605	NPN	200	18	14	5	30/—	10	0.25	10/1	300*	6	—	—	TO-92/2
2N3606	NPN	200	18	14	5	30/—	10	0.25	10/1	300*	6	—	—	TO-92/2
2N3607	NPN	200	18	14	5	30/—	10	0.25	10/1	300*	5	—	—	TO-92/2
2N3702	PNP	360	40	25	5	60/30	50	0.25	50/5	100	12	—	—	TO-92/2
2N3703	PNP	360	50	30	5	30/150	50	0.25	50/5	100	12	—	—	TO-92/2
2N3704	NPN	360	50	30	5	100/300	50	0.6	100/5	100	12	—	—	TO-92/2
2N3705	NPN	360	50	30	5	50/150	50	0.8	100/5	100	12	—	—	TO-92/2
2N3706	NPN	360	40	20	5	30/600	50	1.0	100/5	100	12	—	—	TO-92/2
2N3707	NPN	250	30	30	6	100/400	0.1	1.0	10/0.5	—	—	—	—	TO-92/2
2N3708	NPN	250	30	30	6	45/660	1	1.0	10/0.5	—	—	—	—	TO-92/2
2N3709	NPN	250	30	30	6	45/165	1	1.0	10/0.5	—	—	—	—	TO-92/2
2N3710	NPN	250	30	30	6	90/330	1	1.0	10/0.5	—	—	—	—	TO-92/2
2N3711	NPN	250	30	30	6	180/660	1	1.0	10/0.5	—	—	—	—	TO-92/2

Δ VCES  
\* TYPICAL