

TO-18 Metal-Can Package Transistors (PNP)

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	β Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) & Max	V _{BE(SAT)} (V) Min	I _C (mA) @	C _{ob} (pF) Min	Max	f _t (MHz) Min	Typ	Max	t _{on} (ns) Max	NF @ Freq (dB) (MHz) Max		
BC177A	50	45	5	0.6	0.2				0.1	20	120	220	2	5	0.6 0.2		100 10	4	3.5	200	300	10		10	0.001	
BC177B	50	45	5	0.6	0.2				0.1	20	180	460	2	5	0.6 0.2		100 10	4	3.5	200	300	10		10	0.001	
BC177C	50	45	5	0.6	0.2				0.1	20	380	800	2	5	0.6 0.2		100 10	4	3.5	200	300	10		10	0.004	
BC178	30	25	5	0.6	0.2				0.1	20	120	800	2	5	0.6 0.2		100 10	4	3.5	200	300	10		10	0.001	
BC178A	30	25	5	0.6	0.2				0.1	20	120	220	2	5	0.6 0.2		100 10	4	3.5	200	300	10		10	0.001	
BC178B	30	25	5	0.6	0.2				0.1	20	180	460	2	5	0.6 0.2		100 10	4	3.5	200	300	10		10	0.001	
BC178C	30	25	5	0.6	0.2				0.1	20	380	800	2	5	0.6 0.2		100 10	4	3.5	200	300	10		10	0.001	
BC179	25	20	5	0.6	0.2				0.1	20	180	800	2	5	0.6 0.2		100 10	4	3.5	200	300	10		4	0.001	
BC179A	25	20	5	0.6	0.2				0.1	20	120	200	2	5	0.6 0.2		100 10	4	3.5	200	300	10		4	0.001	
BC179B	25	20	5	0.6	0.2				0.1	20	180	460	2	5	0.6 0.2		100 10	4	3.5	200	300	10		4	0.001	
BC179C	25	20	5	0.6	0.2				0.1	20	380	800	2	5	0.6 0.2		100 10	4	3.5	200	300	10		4	0.001	
BC393	180	180	6	0.4	0.5		0.05	100			50		10	10	0.3	0.9	10	7	3.5	50	110	200	20			
BCX23	125	125	5	0.45	0.8	1			0.1	100	63 43		100 200	1 1	0.9	1.4	300	12		100		10				
BCY70	50	40	5	0.35	0.2		0.01	40			60 80 100 100 45		0.01 0.1 1 10 50	1 1 1 1 1	0.25 0.5	0.6 1.2	0.9 50	10 50	6	250		10	420	6	0.015	
BCY71	45	45	5	0.35	0.2		0.5	45			60 80 100 100 45		0.01 0.1 1 10 50	1 1 1 1 1	0.25 0.5	0.6 1.2	0.9 50	10 50	6	250		10		2	0.015	
BCY71A	45	45	5	0.35	0.2		0.5	45			40 80 90 100		0.01 0.1 1 10	1 1 1 1	0.25 0.5	0.6 1.2	0.9 50	10 50	6	300		10	420	2	0.015	
BCY72	25	25	5	0.35	0.2		0.5	25			60 80 100 100 45		0.01 0.1 1 10 50	1 1 1 1 1	0.25 0.5		10 50	6	250		10	420	6	0.015		
BCY78-10	# 32	32	5	0.345	0.2				0.1	32	100 380 240 60		0.01 2 10 100	5 5 1 1	0.25 0.8	0.6 0.7	0.85 1.2	10 100	7		180		10	800	6	0.001
BCY78-7	# 32	32	5	0.345	0.2				0.1	32	120 80 40		220 10 100	2 1 1	0.25 0.8	0.6 0.7	0.85 1.2	10 100	7		180		10	800	6	0.001

NOTE : V_{CE}S