

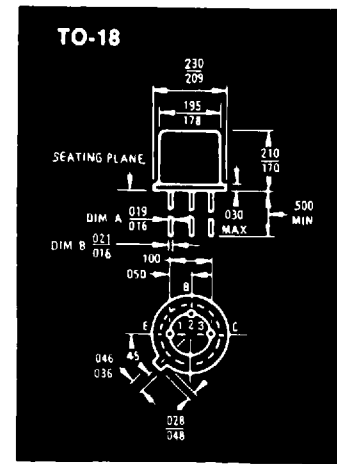
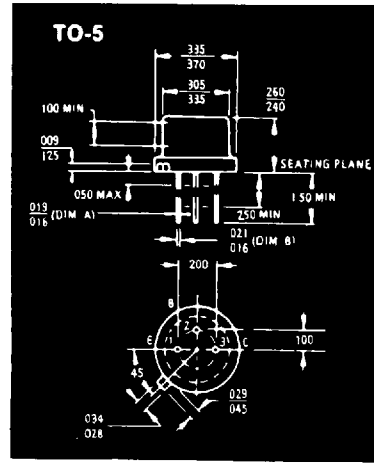
semitronics

Semitronics Corp.

SEMICONDUCTORS

metal can transistors

silicon small signal transistors



Device	Type	Package	Maximum Ratings				Electrical Characteristics @ 25 °C													
			P _D Ambient mW	V _{CB} Volts	V _{CE} Volts	V _{EB} Volts	h _{FE} Min/Max	V _{CE} (Sat) @ I _C /I _B		C _{cb} pF Max	C _{ob} pF Max	f _t MHz Min	t _{ON} ns Max	t _{OFF} ns Max	Power Gain @ f		NF @ f			
								Volts	mA/mA						dB Min	MHz	dB Max	MHz		
2N497	NPN	TO-5	800	60	60	8	12/36	5.0	200/40	-	20†	40†	-	-	-	-	-	-		
2N498	NPN	TO-5	800	100	100	8	12/36	5.0	200/40	-	20†	40†	-	-	-	-	-	-		
2N656	NPN	TO-5	800	60	60	8	30/90	5.0	200/40	-	20†	40†	-	-	-	-	-	-		
2N657	NPN	TO-5	800	100	100	8	30/90	5.0	200/40	-	20†	40†	-	-	-	-	-	-		
2N696	NPN	TO-5	600	60	40*	5	20/60	1.5	150/15	-	35	40†	-	-	-	-	-	-		
2N697	NPN	TO-5	600	60	40*	5	40/120	1.5	150/150	-	35	50	-	-	-	-	-	-		
2N698	NPN	TO-5	600	120	60	7	20/60	5.0	150/15	-	15	40	-	-	-	-	-	-		
2N699	NPN	TO-5	800	120	80*	5	40/120	5.0	150/15	-	20	50	-	-	-	-	-	-		
2N699A	NPN	TO-5	800	120	80*	5	40/120	5.0	150/15	-	20	50	-	-	-	-	-	-		
2N699B	NPN	TO-5	800	120	80	7	40/120	5.0	150/15	-	15	60	-	-	-	-	-	-		
2N706	NPN	TO-18	300	25	20*	3	20/-	0.2	10/1	-	6	200	40†	75†	-	-	-	-		
2N706A	NPN	TO-18	300	25	15	5	20/60	0.2	10/1	-	5	200	40	75	-	-	-	-		
2N706B	NPN	TO-18	300	25	15	5	20/60	0.2	10/1	-	5	200	40	75	-	-	-	-		
2N706C	NPN	TO-18	360	40	15	5	20/60	0.3	30/3	-	5	200	40	75	-	-	-	-		
2N708	NPN	TO-18	360	40	15	5	30/120	0.3	30/3	-	6	300	35	65	-	-	-	-		
2N710	NPN	TO-18	400	60	40*	5	40/120	1.5	150/15	-	35	50	-	-	-	-	-	-		
2N718A	NPN	TO-18	500	75	50*	7	40/120	1.5	150/15	-	25	60	-	-	-	-	-	-		
2N719	NPN	TO-18	400	120	80*	5	20/60	5.0	150/15	-	20	40	-	-	-	-	-	-		
2N720	NPN	TO-18	400	120	80*	5	40/120	5.0	150/15	-	20	50	-	-	-	-	-	-		
2N720A	NPN	TO-18	500	120	80*	7	40/120	5.0	150/15	-	15	50	-	-	-	-	-	-		
2N721	PNP	TO-18	400	50	35	5	20/45	1.5	150/15	-	45	50	-	-	-	-	-	-		
2N722	PNP	TO-18	400	50	35	5	30/90	1.5	150/15	-	45	50	-	-	-	-	-	-		
2N730	NPN	TO-18	500	60	40*	5	20/60	1.5	150/15	-	35	40	-	-	-	-	-	-		
2N731	NPN	TO-18	500	60	40*	5	40/120	1.5	150/15	-	35	50	-	-	-	-	-	-		
2N743	NPN	TO-18	300	20	12	5	20/60	0.6	100/10	-	6	400	16	24	-	-	-	-		
2N743A	NPN	TO-18	360	40	15	5	20/60	0.6	100/10	-	5	500	12	15	-	-	-	-		
2N744	NPN	TO-18	300	20	12	5	40/120	0.6	100/10	-	4	400	16	24	-	-	-	-		
2N744A	NPN	TO-18	360	40	15	5	40/120	0.6	100/10	-	5	500	-	-	-	-	-	-		
2N760	NPN	TO-18	500	45	45	8	76/333	1.0	10/1.0	-	8	50	-	-	-	-	-	-		
2N760A	NPN	TO-18	500	60	60	8	76/333	1.0	10/1.0	-	8	50	-	-	-	-	-	-		
2N783	NPN	TO-18	300	40	20*	5	20/80	0.25	10/1.0	-	3.†	200	18	30	-	-	-	-		
2N784	NPN	TO-18	300	30	15*	5	20/-	0.16	10/1.0	-	3.†	200	15	40	-	-	-	-		
2N784A	NPN	TO-18	350	40	20*	5	25/150	0.19	10/1.0	-	3.†	300	20	40	-	-	-	-		
2N834	NPN	TO-18	300	40	30*	5	25/-	0.4	50/5	-	4	350	35	75	-	-	-	-		
2N834A	NPN	TO-18	360	40	30*	5	25/-	0.4	50/5	-	4	500	35	75	-	-	-	-		
2N835	NPN	TO-18	300	25	20	5	20/-	0.3	10/1.0	-	4	300	20	35	-	-	-	-		
2N869	PNP	TO-18	1200	25	18	5	20/-	-	-	-	-	100	-	18	-	-	-	-		
2N869A	PNP	TO-18	360	25	18	5	40/120	0.5	100/10	-	6	400	50	80	-	-	-	-		
2N870	NPN	TO-18	500	100	60	7	40/120	5.0	150/15	-	15	50	-	-	-	-	-	-		
2N871	NPN	TO-18	500	100	60	7	100/300	5.0	150/15	-	15	60	-	-	-	-	-	-		
2N899	NPN	TO-18	500	100	60	7	75/-	1.2	50/5	-	15	60	-	-	-	-	-	-		
2N899A	NPN	TO-18	500	100	60	7	35/-	1.2	5/5	-	15	50	-	-	-	-	-	-		
2N899B	NPN	TO-18	500	100	60	7	15/-	1.2	50/5	-	15	40	-	-	-	-	-	-		
2N899C	NPN	TO-18	360	70	50	5	50/200	-	-	-	3.5	250	-	-	10†	100	2	1.0		
2N916	NPN	TO-18	360	45	25	5	50/200	-	-	-	6.0	300	-	-	10†	100	2	1.0		
2N917	NPN	TO-72	200	30	15	3	20/200	-	-	-	1.7	500	-	-	9	200	6	60.0		
2N917A	NPN	TO-72	200	30	15	3	20/200	-	-	-	1.7	600	-	-	15	200	6	60.0		
2N918	NPN	TO-72	200	30	15	3	20/-	-	-	-	1.7	600	-	-	15	200	6	60.0		
2N929	NPN	TO-18	300	45	45	5	40/120	1.0	10/0.5	-	8	30	-	-	-	-	4	15.7 kHz		
2N929A	NPN	TO-18	500	60	45	6	40/120	0.5	10/0.5	-	6	45	-	-	-	-	4	15.7 kHz		
2N930	NPN	TO-18	300	45	45	5	100/300	1.0	10/0.5	-	8	30	-	-	-	-	3	15.7 kHz		
2N930A	NPN	TO-18	500	60	45	6	100/300	0.5	10/0.5	-	6	45	-	-	-	-	4	15.7 kHz		
2N930B	NPN	TO-18	500	60	45	6	100/300	0.5	10/0.5	-	6	45	-	-	-	-	3	15.7 kHz		
2N956	NPN	TO-18	500	75	50*	7	100/300	1.5	150/15	-	25	70	-	-	-	-	-	-		
2N957	NPN	TO-18	250	40	20	5	45/-	-	-	-	6.0	200	-	-	10†	100	7.5	200		
2N1131	PNP	TO-5	600	50	35	5	20/45	1.5	150/15	-	45	50	-	-	-	-	-	-		
2N1132	PNP	TO-5	600	50	35	5	30/90	1.5	150/15	-	45	50	-	-	-	-	-	-		
2N1420	NPN	TO-5	600	60	30*	5	100/300	1.5	150/15	-	35	50	-	-	-	-	-	-		
2N1507	NPN	TO-5	600	60	30*	5	100/300	1.5	150/15	-	35	50	-	-	-	-	-	-		