

TABLE 11 — MILITARY SPECIFIED POWER TRANSISTORS

I _C Cont Amps Max	V _{CEO} (sus) Volts Min	Device Type		h _{FE} Min/Max	@ I _C Amp	Resistive Switching			f _T MHz Min	P _D (Case) Watts @ 25°C	Case JEDEC/MOT	
		NPN/#	PNP/#			t _s μs Max	t _f μs Max	@ I _C Amp				
1	300	2N3739J,/402A TX, TXV		40/200	0.1	3.5*		0.5	10	20	TO-213AA/80	
3	40		2N3867SJ,/350A TX, TXV	40/200	1.5	0.5	0.1	1.5	60	10	TO-205AD/79	
	60		2N3868SJ,/350A TX, TXV	30/150	1.5	0.055	0.035	1.5	60	5	TO-205AD/79	
4	60	2N3766J,/518 TX, TXV	2N3740J,/441A TX, TXV	30/100	0.25	1*		1	5	25	TO-213AA/80	
				40/160	0.5	2.5*		0.5	10	25	TO-213AA/80	
	80	2N3741J,/441A TX, TXV	30/100	0.25	1*		1	5	25	TO-213AA/80		
		2N3767J,/518 TX, TXV		40/160	0.5	2.5*		0.5	10	25	TO-213AA/80	
5	100	2N5339J,/560 TX, TXV	2N6193J,/561 TX, TXV	60/240	2	2	0.2	2	30	6	TO-205AD/79	
8	60	2N6300J,/540 TX, TXV	2N6298J,/540 TX, TXV	750/18k	4	8*		4	25	75	TO-213AA/80	
				750/18k	4	8*		4	25	75	TO-213AA/80	
	250	2N6306J,/498 TX		15/75	3	3*		3	5	125	TO-204/1	
	300	2N6671J,/536 TX, TXV		10/40	5	2.5	0.4	5	15	150	TO-204/1	
	350	2N6308J,/498 TX		12/60	3	3*		3	5	125	TO-204/1	
	400	2N6673J,/536 TX, TXV		10/40	5	2.5	0.4	5	15	150	TO-204/1	
10	40	2N6383J,/523 TX, TXV	2N6648J,/527 TX, TXV	1k/20k	5	10*		5	20	100	TO-204/1	
			2N3715J,/408B TX, TXV 2N6384J,/523 TX, TXV	2N3791J,/379B TX, TXV	30/120	3	2*		5	4	150	TO-204/1
					1k/20k	5	10*		5	20	100	TO-204/1
		2N6649J,/527 TX, TXV	1k/20k	5	10*		5	50	85	TO-204/1		
	80	2N3716J,/408B TX, TXV 2N6385J,/523 TX, TXV	2N3792J,/379B TX, TXV	30/120	3	2*		5	4	150	TO-204/1	
				1k/20k	5	10*		5	20	100	TO-204/1	
2N6650J,/527 TX, TXV			1k/20k	5	10*		5	50	85	TO-204/1		
12	80	2N6058J,/502 TX, TXV	2N6051J,/501 TX, TXV	1k/18k	6	10*		5	10	150	TO-204/1	
	100	2N6059J,/502 TX, TXV	2N6052J,/501 TX, TXV	1k/18k	6	10*		5	10	150	TO-204/1	
15	300	2N6546J,/525 TX		12/60	5	4.7*		10	6	175	TO-204/1	
		2N6674J,/537 TX, TXV**		8/20	10	2.5	0.5	10	15	175	TO-204/1	

MIL-S-19500 Detailed
Spec. shown by
Device Type

* t_{off}

** Consult
Factory for
qualification
status

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