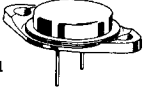


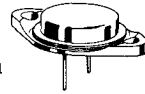
SILICON POWER TRANSISTOR SELECTOR GUIDE (continued)

Type NPN PNP	V_{CE0}	h_{FE} @ I_C		$V_{CE(sat)}$ @ I_C & I_B		
	Volts (Max)	Min/Max	Amp	Volts (Max)	Amp	Amp

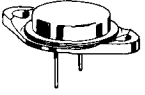
10 AMP ($T_{J(Max)} = 200^\circ C$)

 Case 11 (TO-3)	$P_D = 117 W$ $f_T = 1.0 MHz$	2N3235	55	20/70	4.0	1.1	4.0	0.4
	$P_D = 125 W$ $f_T = 2.5 MHz$ $\dagger V_{CEX}$	MJ413	400†	20/80	0.5	0.8	0.5	0.05
		MJ423	400†	30/90	1.0	0.8	1.0	0.1
		MJ431	400†	15/35	2.5	0.7	2.5	0.5
	$P_D = 150 W$ $f_T = 4.0 MHz$	2N3713	60	25/90	1.0	1.0	5.0	0.5
		2N3714	80	25/90	1.0	1.0	5.0	0.5
		2N3715	60	50/150	1.0	0.8	5.0	0.5
		2N3716	80	50/150	1.0	0.8	5.0	0.5
		2N3789	60	25/90	1.0	1.0	4.0	0.4
		2N3790	80	25/90	1.0	1.0	4.0	0.4
2N3791		60	50/150	1.0	1.0	5.0	0.5	
2N3792		80	50/150	1.0	1.0	5.0	0.5	
2N4907		40	20/80	4.0	0.75	4.0	0.4	
2N4908	60	20/80	4.0	0.75	4.0	0.4		
2N4909	80	20/80	4.0	0.75	4.0	0.4		

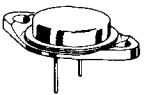
15 AMP ($T_{J(Max)} = 200^\circ C$)

 Case 11 (TO-3)	$P_D = 115 W$ $f_T = 1.0 MHz$	2N3055	60	20/70	4.0	1.1	4.0	0.4
--	----------------------------------	--------	----	-------	-----	-----	-----	-----

16 AMP ($T_{J(Max)} = 200^\circ C$)


 Case 1 (TO-3)	$P_D = 150 W$ $f_T = 0.8 MHz$	2N3773	140	15/60	8.0	1.4	8.0	0.8
--	----------------------------------	--------	-----	-------	-----	-----	-----	-----

30 AMP ($T_{J(Max)} = 200^\circ C$)


 Case 3 (TO-3)	$P_D = 150 W$ $*f_T = 0.8 MHz$ $f_T = 2.0 MHz$	2N3771*	40	15/60	15	2.0	15	1.5
		2N3772*	60	15/60	10	1.4	10	1.0
		MJ450	40	20/-	10	1.0	10	1.0
	$P_D = 200 W$ $f_T = 4.0 MHz$	2N4398	40	15/60	15	1.0	15	1.5
	2N4399	60	15/60	15	1.0	15	1.5	

PLASTIC See Section 5 for Complete Characteristics


500 mA ($T_{J(Max)} = 150^\circ C$)

 Case 77	$P_D = 20.8 W$ $f_T = 10 MHz$	MJE340	300	30/240	0.05	—	—	—
--	----------------------------------	--------	-----	--------	------	---	---	---

3.0 AMP ($T_{J(Max)} = 150^\circ C$)

 Case 77	$P_D = 30 W$ $f_T = 3.0 MHz$	2N4918	40	20/100	0.5	0.6	1.0	0.1
		2N4919	60	20/100	0.5	0.6	1.0	0.1
		2N4920	80	20/100	0.5	0.6	1.0	0.1
		2N4921	40	20/100	0.5	0.6	1.0	0.1
		2N4922	60	20/100	0.5	0.6	1.0	0.1
		2N4923	80	20/100	0.5	0.6	1.0	0.1

4.0 AMP ($T_{J(Max)} = 150^\circ C$)

 Case 77	$P_D = 40 W$ $f_T = 4.0 MHz$	2N5190	40	25/100	1.5	0.6	1.5	0.15
		2N5191	60	25/100	1.5	0.6	1.5	0.15
		2N5192	80	25/100	1.5	0.6	1.5	0.15
		2N5193	40	25/100	1.5	0.6	1.5	0.15
		2N5194	60	25/100	1.5	0.6	1.5	0.15
		2N5195	80	25/100	1.5	0.6	1.5	0.15