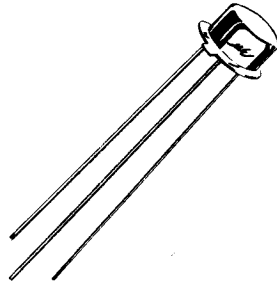
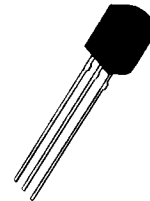


High Voltage Transistors

TO-5



TO-92



TYPE NO. NPN PNP	Maximum Ratings					Electrical Characteristics @ T _A = 25°C					CASE
	P _D @ T _A = 25°C	I _C	BV _{CB0}	LV _{CEO}	BVE _{B0}	h _{FE} @ V _{CE} @ I _C min./max.		V _{CE(sat)} @ V _C /I _B max.	C _{ob} max.	f _T @ I _C min.	
2N 4926	1000mW	50mA	200V	200V	7V	20/200 @	10V @ 30mA	1.00V @ 10/1.0mA	6.0pF	30MHz @ 10mA	TO-39
2N 4927	1000mW	50mA	250V	250V	7V	20/200 @	10V @ 30mA	1.00V @ 10/1.0mA	6.0pF	30MHz @ 10mA	TO-39
2N 5550	310mW	600mA	160V	140V	6V	60/250 @	5V @ 10mA	0.25V @ 50/5.0mA	6.0pF	300MHz @ 10mA	TO-92A
2N 5551	310mW	600mA	180V	160V	6V	80/250 @	5V @ 10mA	0.20V @ 50/5.0mA	6.0pF	300MHz @ 10mA	TO-92A
BC 117	300mW	50mA	120V	120V	5V	30/ - @	10V @ 10mA	2.00V @ 50/5.0mA	6.0pF	60MHz @ 10mA	TO-105
BC 145	300mW	100mA	120V	120V	5V	30/ - @	30V @ 5mA	1.00V @ 10/1.0mA	6.0pF*	-	TO-105
BD 115	800mW	150mA	245V	180V	5V	22/ - @	100V @ 50mA	1.00V @ 30/6.0mA	-	145MHz* @ 30mA	TO-39
BF 156	800mW	100mA	120V	120V	5V	30/ - @	10V @ 30mA	2.00V @ 50/5.0mA	9.0pF	50MHz @ 30mA	TO-5
BF 157	800mW	100mA	150V	150V	5V	30/ - @	10V @ 30mA	1.00V @ 30/6.0mA	6.0pF	130MHz* @ 30mA	TO-5
BF 178	600mW	50mA	160V	115V	5V	20/ - @	20V @ 30mA	1.00V @ 30/6.0mA	-	120MHz* @ 10mA	TO-39
BF 179	600mW	50mA	250V	115V	5V	20/ - @	15V @ 20mA	-	-	-	TO-39
BF 257	800mW	100mA	160V	160V	5V	25/ - @	10V @ 30mA	1.00V @ 30/6.0mA	5.5pF	90MHz @ 10mA	TO-39
BF 258	800mW	100mA	250V	250V	5V	25/ - @	10V @ 30mA	1.00V @ 30/6.0mA	5.5pF	90MHz @ 10mA	TO-39
BF 259	800mW	100mA	300V	300V	5V	25/ - @	10V @ 30mA	1.00V @ 30/6.0mA	5.5pF	90MHz @ 10mA	TO-39
BF 336	800mW	100mA	185V	180V	5V	20/ - @	10V @ 30mA	1.00V @ 30/6.0mA	6.5pF	80MHz @ 30mA	TO-5
BF 337	800mW	100mA	250V	200V	5V	20/ - @	10V @ 30mA	1.00V @ 30/6.0mA	-	80MHz @ 30mA	TO-5
BF 338	800mW	100mA	300V	225V	5V	20/ - @	10V @ 30mA	1.00V @ 30/6.0mA	-	80MHz @ 30mA	TO-5
BFX 98	800mW	100mA	150V	150V	6V	30/100 @	10V @ 25mA	1.00V @ 25/2.5mA	-	-	TO-5
2N 5400	310mW	600mA	130V	120V	5V	40/180 @	5V @ 10mA	0.20V @ 10/1.0mA	6.0pF	400MHz @ 10mA	TO-92A
2N 5401	310mW	600mA	160V	150V	5V	60/240 @	5V @ 10mA	0.20V @ 10/1.0mA	6.0pF	300MHz @ 10mA	TO-92A
BFW 44	800mW	100mA	150V	150V	6V	40/100 @	10V @ 10mA	0.50V @ 10/1.0mA	7.0pF	60MHz @ 10mA	TO-5

*Typical Value

Miniature Transistors

n-Channel junction FET

TYPE NO.	P _D @ T _A = 25°C	BV _{GSS} min.	I _{DSS} min./max.	Y _{fs} min.	V _{GS(off)} max.	C _{iss} max.	C _{iss} max.	e _n max.	I _{GSS} max.	CASE
MTF 103	100mW	40V	0.9/ 4.5mA	1500 μmhos	4.0V	8pF	3pF	2.5dB	0.1nA	MT-42
MTF 104	100mW	50V	4.0/20.0mA	2000 μmhos	10.0V	8pF	3pF	2.5dB	0.1nA	MT-42