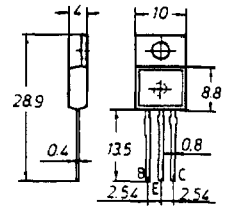
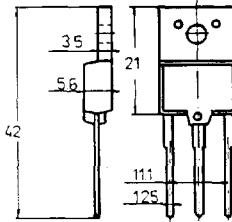
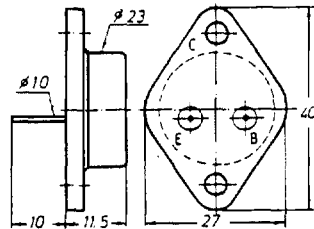
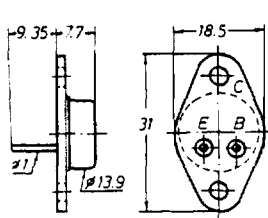


POWER TRANSISTORS

SWITCHING



CASES: F-22

TO-3d

TO-3P

TO-220

HIGH VOLTAGE SWITCHING TRANSISTORS

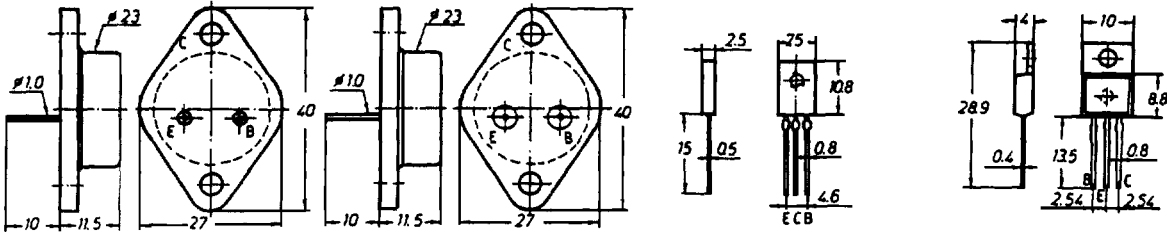
TYPE		P_{tot}	V_{CBO}	V_{CEO}	I_C	V_{CEsat}	I_C & I_B		t_{on}	t_s	t_f	f_T	CASE
NPN	PNP	$T_C=25^\circ C$	V_{CEX}^*	min.	(A)	max.	(A)	(A)	max.	max.	max.	(MHz)	
		(W)	(V)	(V)		(V)			(us)	(us)	(us)		
**	BU 84X	40	800	400	2	1	1	0.2	0.5	3.5	1.4		F-22
**	BU 84/6X	40	600	375	2	1	1	0.2	0.5	3.5	1.4		F-22
**	BU 84/7X	40	700	400	2	1	1	0.2	0.5	3.5	1.4		F-22
**	BU 85X	40	900	450	2	1	1	0.2	0.5	3.5	0.5		F-22
	BU 326A	62.5	900*	400	6	3	4	1.25	-	3.5	0.5		TO-3d
	BU 326A/4	62.5	400*	300	6	3	4	1.25		3.5	0.5		TO-3d
	BU 326A/5	62.5	500*	350	6	3	4	1.25		3.5	0.5		TO-3d
	BU 326A/6	62.5	600*	350	6	3	4	1.25		3.5	0.5		TO-3d
	BU 326A/7	62.5	700*	375	6	3	4	1.25		3.5	0.5		TO-3d
	BU 326A/8	62.5	800*	400	6	3	4	1.25		3.5	0.5		TO-3d
\$	BU 508	34	1500	700	8	1	4.5	2		6.5	0.7		TO-3P
	BU 526	86	900*	400	8	5	8	3		3.5	0.5		TO-3d
	BU 526/4	86	400*	300	8	5	8	3		3.5	1		TO-3d
	BU 526/5	86	500*	350	8	5	8	3		3.5	1		TO-3d
	BU 526/6	86	600*	350	8	5	8	3		3.5	1		TO-3d
	BU 526/7	86	700*	375	8	5	8	3		3.5	1		TO-3d
	BU 526/8	86	800*	400	8	5	8	3		3.5	1		TO-3d
\$	BUP 23	37	850	450	15	1.5	10	1.33	1	4.5	0.7		TO-3P
\$	BUS 11	100	850*	400	5	1.5	3	0.6	1	4	0.8		TO-3d
\$	BUS 11A	100	1000*	450	10 +	1.5	2.5	0.5	1	4	0.8		TO-3d
\$	BUS 11B	100	1000*	600	5	1.5	2.5	0.5	1	4	0.8		TO-3d
\$	BUS 11/4	100	400*	300	5	1.5	2.5	0.5	1	4	0.8		TO-3d
\$	BUS 11/6	100	600*	350	10 +	1.5	2.5	0.5	1	4	0.8		TO-3d
\$	BUS 12	125	850*	400	8	1.5	6	1.2	1	4	0.8		TO-3d
\$	BUS 12A	125	1000*	450	20 +	1.5	5	1	1	4	0.8		TO-3d
\$	BUS 12B	125	1000*	600	8	1.5	5	1	1	4	0.8		TO-3d
\$	BUS 12/4	125	400*	300	8	1.5	5	1	1	4	0.8		TO-3d
\$	BUS 12/6	125	600*	350	20 +	1.5	5	1	1	4	0.8		TO-3d
\$	BUS 13	150	850*	400	15	1.5	10	2	1	4	0.8		TO-3d
\$	BUS 13A	150	1000*	450	30 +	1.5	8	1.6	1	4	0.8		TO-3d
\$	BUS 13/5	150	500*	350	15	1.5	10	2	1	4	0.8		TO-3d
\$	BUS 13/6	150	600*	375	30 +	1.5	10	2	1	4	0.8		TO-3d
\$	BUS 13/7	150	700*	400	15	1.5	10	2	1	4	0.8		TO-3d
\$	BUS 14	214	850*	400	30	1.7	20	4	1	4	0.8		TO-3d
\$	BUS 14A	214	1000*	450	50 +	1.7	16	3.2	1	4	0.8		TO-3d
\$	BUS 14/4	214	400*	300	30	1.5	20	4	1	4	0.8		TO-3d
\$	BUS 14/5	214	500*	350	50 +	1.5	20	4	1	4	0.8		TO-3d
\$	BUS 14/6	214	600*	375	30	1.5	20	4	1	4	0.8		TO-3d
\$	BUS 14/7	214	700*	400	50 +	1.5	20	4	1	4	0.8		TO-3d
\$	BUT 11	100	850*	400	5	1.5	3	0.6	1	4	0.8		TO-3d
\$	BUT 11A	100	1000*	450	10 +	1.5	2.5	0.5	1	4	0.8		TO-3d
\$	BUT 11/5	100	500*	350	5	1.5	3	0.6	1	4	0.8		TO-3d
\$	BUT 11/6	100	600*	375	10 +	1.5	3	0.6	1	4	0.8		TO-3d
\$	BUT 11/7	100	700*	400	5	1.5	3	0.6	1	4	0.8		TO-3d
\$	BUT 12	125	850	400	8	1.5	5	1	1	4	0.8		TO-220
\$	BUT 12A	125	1000	450	8	1.5	5	1	1	4	0.8		TO-220
\$	BUT 18	110	850	400	6	1.5	6	1.2	1	4	0.8		TO-220
\$	BUT 18A	110	1000	450	6	1.5	6	1.2	1	4	0.8		TO-220
\$	BU 426	113	900	400	6	1.5	2.5	0.5	0.6	3.5	0.15		TO-3P
	BU 508 AF	125	1500	700	8	1.0	4.5	2		7	0.55		TO-3P
\$	BW 25	125	600*	400	10	1.5	4	1	0.5	2	0.5		TO-3d
\$	BW 25/5	125	500*	400	10	1.5	4	1	0.5	2	0.5		TO-3d
\$	BW 26	125	800*	450	10	1.5	4	1	0.5	2	0.5		TO-3d
\$	BUX 10A	150	160	125	25	1.2	20	2	1.5	1.2	0.3		TO-3
\$	BUX 11A	150	250	200	20	1.5	12	1.5	1	1.8	0.4		TO-3

** Sale ! Stock liquidation.

\$ Preliminary data

POWER TRANSISTORS

SWITCHING



CASES: TO-3 TO-3d TO-126 (SOT-32) TO-220

HIGH VOLTAGE SWITCHING TRANSISTORS (cont.)

TYPE	P _{tot} @ T _C =25°C (W)	V _{CE0} V _{CEX} min. (V)	V _{CE0} min. (V)	I _C I _{CM} (A)	V _{CEsat} max. (V)	I _C & I _B		t _{on} max. (us)	t _s max. (us)	t _f max. (us)	f _T (MHz)	CASE
						β	I _C (A)					
BUX 12A	150	300	250	20	1.5	10	1.25	1	2	0.5	8	TO-3
BUX 40A	120	160	125	20	1.6	15	1.88	1.2	1	0.4	8	TO-3
BUX 41A	120	250	200	15	1.6	8	1	1	1.7	0.8	8	TO-3
BUX 42A	120	300	250	12	1.6	6	0.75	1	2	1.2	8	TO-3
BUX 80	100	800*	400	10	3	8	2.5	0.5	3.5	0.5	-	TO-3d
BUX 80/4	100	400*	300	10	3	8	2.5	0.5	3.5	0.5	-	TO-3d
BUX 80/5	100	500*	350	10	3	8	2.5	0.5	3.5	0.5	-	TO-3d
BUX 80/6	100	600*	375	10	3	8	2.5	0.5	3.5	0.5	-	TO-3d
BUX 80/7	100	700*	400	10	3	8	2.5	0.5	3.5	0.5	-	TO-3d
BUX 81	100	1000*	450	10	3	8	2.5	0.5	3.5	0.5	-	TO-3d
BUX 81/9	100	900*	400	10	3	8	2.5	0.5	3.5	0.5	-	TO-3d
BUX 82	60	800*	400	6	3	4	1.25	0.5	3.5	0.5	4	TO-3d
BUX 82/4	60	400*	300	6	3	4	1.25	0.5	3.5	0.5	4	TO-3d
BUX 82/5	60	500*	350	6	3	4	1.25	0.5	3.5	0.5	4	TO-3d
BUX 82/6	60	600*	375	6	3	4	1.25	0.5	3.5	0.5	4	TO-3d
BUX 82/7	60	700*	400	6	3	4	1.25	0.5	3.5	0.5	4	TO-3d
BUX 83	60	1000*	450	6	3	4	1.25	0.5	3.5	0.5	4	TO-3d
BUX 83/9	60	900*	400	6	3	4	1.25	0.5	3.5	0.5	4	TO-3d
\$ BUX 84	40	800	400	2	1	1	0.2	0.5	3.5	1.4	-	TO-220
\$ BUX 84/4	40	400	300	2	1	1	0.2	0.5	3.5	1.4	-	TO-220
\$ BUX 84/5	40	500	350	2	1	1	0.2	0.5	3.5	1.4	-	TO-220
\$ BUX 84/6	40	600	375	2	1	1	0.2	0.5	3.5	1.4	-	TO-220
\$ BUX 84/7	40	700	400	2	1	1	0.2	0.5	3.5	1.4	-	TO-220
\$ BUX 85	40	900	450	2	1	1	0.2	0.5	3.5	0.5	-	TO-220
\$ BUX 86	20	800	400	1+	1.5	0.1	0.1	0.5	3.5	0.5	-	TO-126
\$ BUX 86/4	20	400	300	1+	1.5	0.1	0.1	0.5	3.5	0.5	-	TO-126
\$ BUX 86/5	20	500	350	1+	1.5	0.1	0.1	0.5	3.5	0.5	-	TO-126
\$ BUX 86/6	20	600	375	1+	1.5	0.1	0.1	0.5	3.5	0.5	-	TO-126
\$ BUX 86/7	20	700	400	1+	1.5	0.1	0.1	0.5	3.5	0.5	-	TO-126
\$ BUX 87	20	1000	450	1+	1.5	0.1	0.1	0.5	3.5	0.5	-	TO-126
\$ BUX 87/9	20	900	400	1+	1.5	0.1	0.1	0.5	3.5	0.5	-	TO-126
\$ MJE 13004	75	600	300	4	1	4	1	0.8	4	0.9	-	TO-220
\$ MJE 13005	75	700	400	4	1	4	1	0.8	4	0.9	-	TO-220
\$ MJE 13006	80	600	300	8	3	8	2	0.7	3	0.7	-	TO-220
\$ MJE 13007	80	700	400	8	3	8	2	0.7	3	0.7	-	TO-220
\$ MJE 13008	100	600	300	12	3	12	3	1	3	0.8	-	TO-220
\$ MJE 13009	100	700	400	12	3	12	3	1	3	0.8	-	TO-220
2N 6653	150	350	300	20	0.6	15	3	0.25	1.5	0.35	25	TO-3
2N 6653A	188	350	300	16	0.8	12	2.4	0.25	1.8	0.5	25	TO-3
2N 6653B	188	350	300	12	0.8	8	1.6	0.4	2.5	0.5	25	TO-3
2N 6653/1	150	350	300	20	0.8	15	3	0.25	1.5	0.35	25	TO-3
2N 6653/2	150	350	300	15	0.8	10	2	0.25	1.5	0.35	25	TO-3
2N 6653/3	125	350	300	10	0.8	7	1.4	0.25	2.5	0.5	25	TO-3
2N 6653/4	125	350	300	7	0.8	5	1	0.4	2.5	0.5	25	TO-3
2N 6654	150	400	350	20	0.6	15	3	0.25	1.5	0.35	25	TO-3
2N 6654A	188	400	350	16	0.8	12	2.4	0.25	1.8	0.5	25	TO-3
2N 6654B	188	400	350	12	0.8	8	1.6	0.4	2.5	0.5	25	TO-3
2N 6654/1	150	400	350	20	0.8	15	3	0.25	1.5	0.35	25	TO-3
2N 6654/2	150	400	350	15	0.8	10	2	0.25	1.5	0.35	25	TO-3
2N 6654/3	125	400	350	10	0.8	7	1.4	0.4	2.5	0.5	25	TO-3
2N 6654/4	125	400	350	7	0.8	5	1	0.4	2.5	0.5	25	TO-3
2N 6655	150	450	400	20	0.6	15	3	0.25	1.5	0.35	25	TO-3
2N 6655A	188	450	400	16	0.8	12	2.4	0.25	1.8	0.5	25	TO-3
2N 6655B	188	450	400	12	0.8	8	1.6	0.4	2.5	0.5	25	TO-3
2N 6655/1	150	450	400	20	0.8	15	3	0.25	1.5	0.35	25	TO-3
2N 6655/2	150	450	400	15	0.8	10	2	0.25	1.5	0.35	25	TO-3
2N 6655/3	125	450	400	10	0.8	7	1.4	0.4	2.5	0.5	25	TO-3
2N 6655/4	125	450	400	7	0.8	5	1	0.4	2.5	0.5	25	TO-3

\$ Preliminary data