

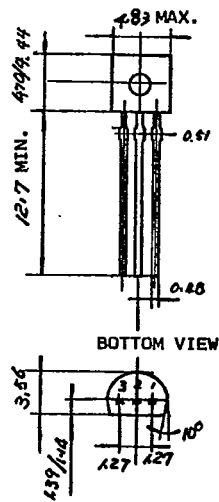
Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H_{FE}				$V_{CE(SAT)}$		f_T min (MHz)	Cob max (pF)	COMPLEMENTARY TYPE
			P_d (mW)	I_C (A)	V_{CEO} (V)	min	max	I_C (mA)	V_{CE} (V)	max (V)	I_C (A)			
BCW 94	N	TO-92F	540	0.4	40	100	400*	50	2	0.25	0.05	70+	8	BCW 96
BCW 95	N	TO-92F	540	0.4	60	100	300*	50	2	0.25	0.05	70+	8	BCW 97
BCW 96	P	TO-92F	540	0.4	40	100	300*	50	2	0.25	0.05	135	10	BCW 94
BCW 97	P	TO-92F	540	0.4	40	100	300*	50	2	0.25	0.05	135	10	BCW 95
BCX 25	N	TO-92F	350	0.2	60	70	400	10	5	0.25	0.1	100	6	BCX 26
BCX 26	P	TO-92F	350	0.2	60	70	400	10	5	0.25	0.1	100	6	BCX 25
BCX 40	N	TO-39	1000	2	80	40	250	500	4	1	0.5	50	—	—
BCX 45	N	TO-92F	625	1	45	50	—	100	2	0.5	0.5	100	12	—
BCX 46	P	TO-92F	625	1	45	50	—	100	2	0.5	0.5	60	15	—
BCX 47	N	TO-92F	625	1	60	50	—	100	2	0.5	0.5	100	12	—
BCX 48	P	TO-92F	625	1	60	50	—	100	2	0.5	0.5	60	15	—
BCX 49	N	TO-92F	625	1	80	50	—	100	2	0.5	0.5	100	12	—
BCX 50	P	TO-92F	625	1	80	50	—	100	2	0.5	0.5	60	15	—
BCX 60	N	TO-39	1000	2	80	40	250	500	4	1	0.5	50	—	—
BCX 73	N	TO-92F	625	0.8	32	100	630*	100	1	1.4	0.5	100	12	—
BCX 74	N	TO-92F	625	0.8	45	100	630*	100	1	1.4	0.5	100	12	—
BCX 75	P	TO-92F	625	0.8	32	100	630*	100	1	1.4	0.5	100	18	—
BCX 76	P	TO-92F	625	0.8	45	100	630*	100	1	1.4	0.5	100	18	—
BD 370A	P	TO-237A	750	1.5	45	40	400*	100	1	0.7	1	50	30	BD 371A
BD 370B	P	TO-237A	750	1.5	60	40	400*	100	1	0.7	1	50	30	BD 371B
BD 370C	P	TO-237A	750	1.5	80	40	400*	100	1	0.7	1	50	30	BD 371C
BD 371A	N	TO-237A	750	1.5	45	40	400*	100	1	0.7	1	50	30	BD 370A
BD 371B	N	TO-237A	750	1.5	60	40	400*	100	1	0.7	1	50	30	BD 370B
BD 371C	N	TO-237A	750	1.5	80	40	400*	100	1	0.7	1	50	30	BD 370C
BFR 10	N	TO-39	800	—	40	60	120	150	10	0.22	0.15	250	8	—
BFR 11	N	TO-18	400	—	40	60	120	150	10	0.22	0.15	250	8	—
BFR 18	N	TO-18	500	0.5	55	60	180	150	1	0.25	0.15	60	20	—
BFR 19	N	TO-39	800	1	35	40	120	150	1	0.25	0.15	60	20	—
BFR 20	N	TO-39	800	1	35	90	450	150	1	0.25	0.15	60	20	—
BFR 21	N	TO-39	800	1	70	40	—	150	1	0.25	0.15	60	20	—
BFR 22	N	TO-39	5000▲	1	65	40	120	150	10	0.15	0.15	—	15	—
BFR 23	P	TO-39	7000▲	1	65	40	140	150	10	0.65	0.15	—	30	—
BFR 24	P	TO-39	7000▲	1	40	50	250	150	10	1.4	0.15	—	30	—
BFR 41	N	TO-92B	800	1	50	100	—	100	10	0.5	1	100+	10+	—
BFR 77	N	TO-39	600	1	80	40	120	150	10	0.6	0.15	50	15	—
BFR 79	P	TO-92B	800	1	80	50	—	100	10	1.6	1	100+	12+	—
BFS 92	P	TO-39	300	0.2	60	30	—	150	10	0.25	0.01	40	20	—
BFS 93	P	TO-39	800	1	60	70	—	150	10	0.35	0.15	40	20	—
BFS 94	P	TO-39	800	1	40	40	—	150	10	0.2	0.15	40	20	—
BFS 95	P	TO-39	800	1	35	70	—	150	10	0.2	0.15	40	20	—
BFT 29	N	TO-18	360	1	80	50	250	100	10	0.95	0.5	100	10	—
BFT 30	N	TO-18	360	1	60	75	250	100	10	0.75	0.5	100	10	—
BFT 31	N	TO-18	360	1	50	100	300	100	10	0.75	0.5	100	10	—
BFT 39	N	TO-18	800	1	80	50	250	100	10	0.16	1	100	10	BFT 79
BFT 40	N	TO-39	800	1	60	75	250	100	10	1.0	1	100	10	BFT 80
BFT 41	N	TO-39	800	1	50	100	300	100	10	1.0	1	100	10	BFT 81
BFW 24	N	TO-39	800	1	60	40	120	150	1	1.0	1	60	25	—
BFW 25	N	TO-39	800	1	40	100	300	150	1	1.0	1	70	25	—
BFW 26	N	TO-39	800	1	40	40	120	150	1	1.0	1	60	25	—
BFW 29	N	TO-39	600	0.4	30	45	—	6	15	0.5	0.15	40	25	—
BFW 31	P	TO-18	500	0.7	30	70	—	100	10	0.4	0.1	—	12	—

* H_{FE} groupings available ▲ $T_c = 25^\circ\text{C}$ + Typical value

Mechanical Outlines

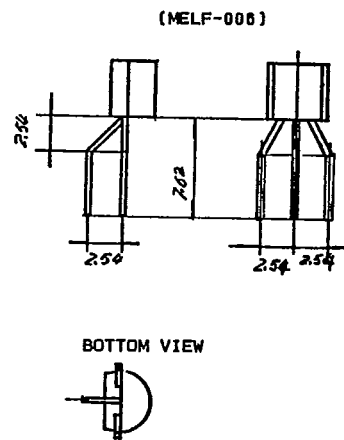
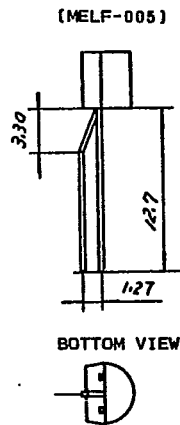
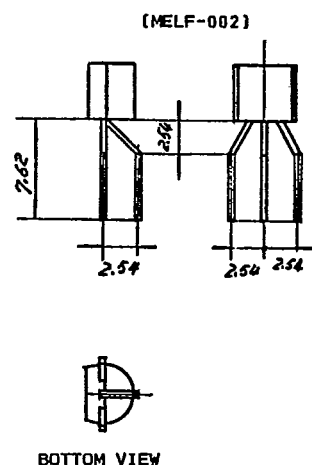
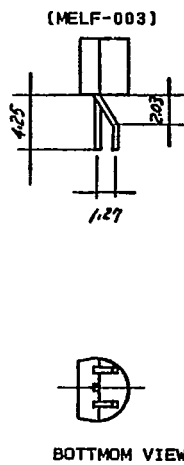
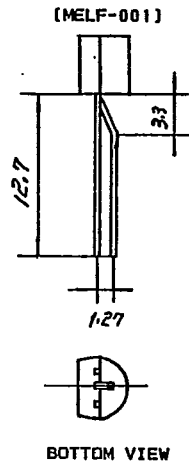
TO-92



LEAD CODE	1	2	3
A	E	B	C
B	E	C	B
C	B	E	C
D	B	C	E
E*	C	E	B
F*	C	B	E
BA*	K	A	G
BF*	A	G	K
DA	B	G	D
DB	B	D	G
DC	D	G	B
DD	D	G	B
DE*	G	B	D
DF*	G	D	B
VOLTAGE REGULATOR			
D	O	G	L

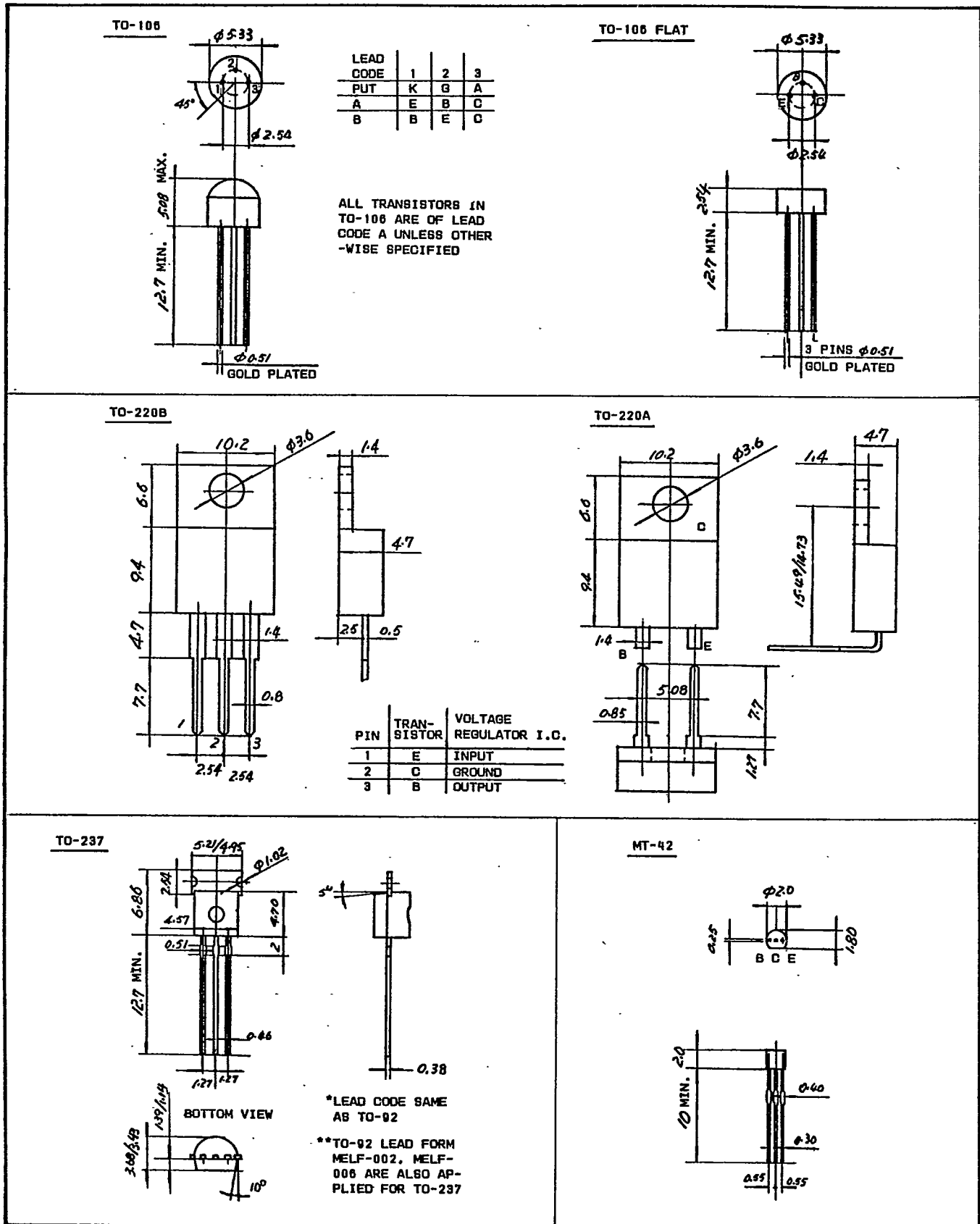
*ALL LEAD FORM TO MELF-001 UNLESS OTHERWISE NOTED.

TO-92 LEAD FORM



ALL DIMENSIONS IN mm

Mechanical Outlines



ALL DIMENSIONS IN mm

