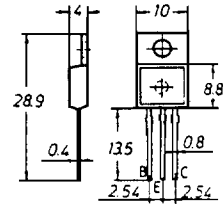
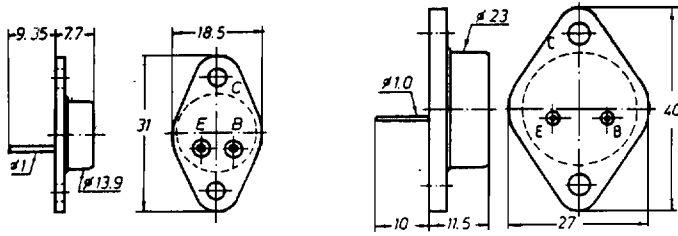


POWER TRANSISTORS

GENERAL PURPOSE



CASES : F-22

TO-3

TO-220

GENERAL PURPOSE DARLINGTONS (cont.)

TYPE		P _{tot} @ T _C =25°C (W)	V _{CBO} min. (V)	V _{CEO} min. (V)	I _C (A)	h _{FE} @ min.-max.	I _C & V _{CE}		V _{CEsat} max. (V)	I _C & I _B		f _T (MHz) h _{FE} *	CASE
NPN	PNP						(A)	(V)	(V)	(A)	(mA)		
BDX 63/1	BDX 62/1	90	30	30	8	1000-	3	3	2.2	3	12	4 *	TO-3
BDX 63	BDX 62	90	60	60	8	1000-	3	3	2	3	12	4 *	TO-3
BDX 63A	BDX 62A	90	80	80	8	1000-	3	3	2	3	12	4 *	TO-3
BDX 63B	BDX 62B	90	100	100	8	1000-	3	3	2	3	12	4 *	TO-3
BDX 63C	BDX 62C	90	120	120	8	1000-	3	3	2	3	12	4 *	TO-3
BDX 65/1	BDX 64/1	117	30	30	12	1000-	5	3	2.2	5	20	4 *	TO-3
BDX 65	BDX 64	117	60	60	12	750-	5	3	2	5	20	4 *	TO-3
BDX 65A	BDX 64A	117	80	80	12	750-	5	3	2	5	20	4 *	TO-3
BDX 65B	BDX 64B	117	100	100	12	750-	5	3	2	5	20	4 *	TO-3
BDX 65C	BDX 64C	117	120	120	12	750-	5	3	2	5	20	4 *	TO-3
BDX 67	BDX 66	150	60	60	16	1000-	10	3	2	10	40	4 *	TO-3
BDX 67A	BDX 66A	150	80	80	16	1000-	10	3	2	10	40	4 *	TO-3
BDX 67B	BDX 66B	150	100	100	16	1000-	10	3	2	10	40	4 *	TO-3
BDX 67C	BDX 66C	150	120	120	16	1000-	10	3	2	10	40	4 *	TO-3
SDM 4001		117	40	40	15	500-	10	4	1.1	4	40	1	TO-3
SDM 4002		117	60	60	15	500-	10	4	1.1	4	40	1	TO-3
SDM 4003		117	80	80	15	500-	10	4	1.1	4	40	1	TO-3
SDM 4004		117	40	40	15	350-	10	4	1.5	10	100	1	TO-3
SDM 4005		117	60	60	15	350-	10	4	1.5	10	100	1	TO-3
SDM 4006		117	80	80	15	350-	10	4	1.5	10	100	1	TO-3
SDM 4010		117	100	100	10	1000-	2	4	1	2	20	1	TO-3
SDM 4011		117	120	120	10	1000-	2	4	1	2	20	1	TO-3
SDM 4012		117	140	140	10	1000-	2	4	1	2	20	1	TO-3
SDM 4013		117	160	160	10	1000-	2	4	1	2	20	1	TO-3
SDM 4014		117	100	100	10	750-	2	4	1.4	5	50	1	TO-3
SDM 4015		117	120	120	10	750-	2	4	1.4	5	50	1	TO-3
SDM 4016		117	140	140	10	750-	2	4	1.4	5	50	1	TO-3
SDM 4017		117	160	160	10	750-	2	4	1.4	5	50	1	TO-3
** TD 643 **	TD 644	62.5	45	45	8	750-	3	3	2	3	12	10 *	F-22
** TD 645 **	TD 646	62.5	60	60	8	750-	3	3	2	3	12	10 *	F-22
** TD 647 **	TD 648	62.5	80	80	8	750-	3	3	2	3	12	10 *	F-22
** TD 649 **	TD 650	62.5	100	100	8	750-	3	3	2	3	12	10 *	F-22
\$ TIP 100 \$	TIP 105	80	60	60	8	1000-	3	4	2	3	6	-	TO-220
\$ TIP 101 \$	TIP 106	80	80	80	8	1000-	3	4	2	3	6	-	TO-220
\$ TIP 102 \$	TIP 107	80	100	100	8	1000-	3	4	2	3	6	-	TO-220
\$ TIP 110 \$	TIP 115	50	60	60	4	1000-	1	4	2.5	2	8	-	TO-220
\$ TIP 111 \$	TIP 116	50	80	80	4	1000-	1	4	2.5	2	8	-	TO-220
\$ TIP 112 \$	TIP 117	50	100	100	4	1000-	1	4	2.5	2	8	-	TO-220
\$ TIP 120 \$	TIP 125	65	60	60	5	1000-	3	3	2	3	4	-	TO-220
\$ TIP 121 \$	TIP 126	65	80	80	5	1000-	3	3	2	3	4	-	TO-220
\$ TIP 122 \$	TIP 127	65	100	100	5	1000-	3	3	2	3	4	-	TO-220
\$ TIP 130 \$	TIP 135	70	60	60	8	1000-	4	4	2	4	16	-	TO-220
\$ TIP 131 \$	TIP 136	70	80	80	8	1000-	4	4	2	4	16	-	TO-220
\$ TIP 132 \$	TIP 137	70	100	100	8	1000-	4	4	2	4	16	-	TO-220
\$ TIP 140T	TIP 145T	125	60	60	15	1000-	5	4	2	5	10	-	TO-220
\$ TIP 141T	TIP 146T	125	80	80	15	1000-	5	4	2	5	10	-	TO-220
\$ TIP 142T	TIP 147T	125	100	100	15	1000-	5	4	2	5	10	-	TO-220

** Sale ! Stock liquidation.
\$ Preliminary data

BDX 62 to BDX 67 series are 100% equivalent to the former TD 162, TD 163, TD 264, TD 265, TD 366, TD 367 series.

Additional characteristics :
BDX 62 / BDX 63 series : t_{on} = 0.7us ; t_{off} = 2.5us ;
BDX 64 / BDX 65 series : t_{on} = 1.0us ; t_{off} = 2.5us ;
BDX 66 / BDX 67 series : t_{on} = 2.0us ; t_{off} = 6.0us.