

7220533 PLESSEY SEMICOND/DISCRETE

95D 04962 D

T-29-17

SOT-23 TRANSISTORS

NPN GENERAL PURPOSE

RATINGS AND CHARACTERISTICS at 25°C ambient temperature.

Type	V _{CB0} Volts	V _{CEO} Volts	I _C mA	P _{tot} * mW	h _{FE}		V _{CE(sat)}		f _T typical MHz
					min./max.	at I _C /V _{CE} mA/volts	max at I _C /I _B Volts	max at I _C /I _B mA	
BC846A	80	65	100	300	110/220	2/5	0.25	10/0.5	300
BC846B	80	65	100	300	200/450	2/5	0.25	10/0.5	300
BCV71	80	60	100	300	100/220	2/5	0.25	10/0.5	300
BCV72	80	60	100	300	200/450	2/5	0.25	10/0.5	300
FMMT2484	60	60	50	300	100/500	0.01/5	0.35	1/0.1	200
FMMT3903	60	40	200	300	50/150	10/1	0.2	10/1	250S
FMMT3904	60	40	200	300	100/300	10/1	0.2	10/1	300S
BC847A	50	45	100	300	110/220	2/5	0.25	10/0.5	300
BC847B	50	45	100	300	200/450	2/5	0.25	10/0.5	300
BC850B	50	45	100	300	200/450	2/5	0.25	10/0.5	300
BC850C	50	45	100	300	420/800	2/5	0.25	10/0.5	300
BCW71	50	45	100	300	110/220	2/5	0.25	10/0.5	300
BCW72	50	45	100	300	200/450	2/5	0.25	10/0.5	300
BCX70G	45	45	200	300	120/220	2/5	0.35	10/0.25	250
BCX70H	45	45	200	300	180/310	2/5	0.35	10/0.25	250
BCX70J	45	45	200	300	250/460	2/5	0.35	10/0.25	250
BCX70K	45	45	200	300	380/630	2/5	0.35	10/0.25	250
BCW60A	32	32	200	300	120/220	2/5	0.35	10/0.25	250
BCW60B	32	32	200	300	180/310	2/5	0.35	10/0.25	250
BCW60C	32	32	200	300	250/460	2/5	0.35	10/0.25	250
BCW60D	32	32	200	300	380/630	2/5	0.35	10/0.25	250
FMMT4123	40	30	200	300	50/150	2/1	0.3	50/5	250
FMMT4214	30	25	200	300	120/360	2/1	0.3	50/5	300
BC848A	30	30	100	300	110/220	2/5	0.25	10/0.5	300
BC848B	30	30	100	300	200/450	2/5	0.25	10/0.5	300
BC848C	30	30	100	300	420/800	2/5	0.25	10/0.5	300
BC849B	30	30	100	300	200/450	2/5	0.25	10/0.5	300
BC849C	30	30	100	300	420/800	2/5	0.25	10/0.5	300
BCW31	30	20	100	300	110/220	2/5	0.25	10/0.5	300
BCW32	30	20	100	300	200/450	2/5	0.25	10/0.5	300
BCW33	30	20	100	300	420/800	2/5	0.25	10/0.5	300
FMMT-A20	40	40	100	300	40/400	5/10	0.25	10/1	125]

*Maximum power dissipation is calculated assuming that the device is mounted on a ceramic substrate measuring 10 x 8 x 0.6mm.

]Min at I_C = 5mA, V_{CE} = 10V, f = 100MHz

SMin at I_C = 10mA, V_{CE} = 20V, f = 100MHz