

TO-3 Power Package Transistors (NPN)

	Maximum Ratings								Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)												
Type No.	V _{CB0} (V) Min	V _{CEO} (V) Min	V _{EB0} (V) Min	P _D (W) @Tc=25°C	I _C (A)	I _{CB0} (μA) Max	V _{CB} @ (V)	I _{CES} (μA) Max	V _{CE} @ (V)	h _{FE} @ Min	Max	I _C & V _{CE} (A) (V)	V _{CE(SAT)} (V) & Max	Min	V _{BE(SAT)} (V) Max	I _C @ (A)	C _{ob} (pF) Max	f _t (MHz) Min	Typ	Max	I _C (mA)
2SC1942	1500	800	6	50	3	10	600						5	0.8	1.5	2.5					
2SD1168	1500	400	6	50	5			1000	1500	9	25	1 4	1		1.5	2					
2SD1168P	1500	800	5	50	5			1000	1500	9	18	1 4	1		1.5	2					
2SD1168Q	1500	800	5	50	5			1000	1500	15	25	1 4	1		1.5	2					
2SD200	1500	700	5	10	2.5	1000	1500	1000	1500	2.5		2 5	5		1.5	2					
2SD869	1500	600	5	50	4	10	500			8		0.5 5	8			3		3			100
2SD870	1500	600	5	50	5	10	500			8		1 5	5		1.5	4		4			100
2SD871	1500	600	5	50	6	10	500			8		1 5	5		1.5	5		3			100
BDY20	60	60	7	120	15					20	70	4 4	3			15		1			1000
BDY38	50	40	7	115	6	1000	50	1000	50	30		2 4	0.7			2		1			
BDY55	100	60	7	117	15			\$5000	100	30		0.2 4	1.1			4		10			1000
										20	70	4 4	2.5			10					
										10		10 4									
BDY73	60	60	7	115	15					50	150	4 4				15					
BU109	330	150	6	60	7			5000	330				1		1.2	5		10			500
								100	200												
BU204	#1300	600	5	36	3			1000	1300	2.5		2 5	5		1.5	2	50		4		100
BU205	#1500	700	5	36	2.5			1000	1500	2.5		2 5	5		1.5	2	50		8		100
BU207	#1300	600	5	13	5			1000	1300	2.25		4.5 5	5		1.5	4.5	125		4		100
BU208	#1500	700	5	13	5			1000	1500	2.25		4.5 5	5		1.5	4.5	125		4		100
BU208A	#1500	700	5	80	5			1000	1500	2.5		4.5 5	5		1.5	4.5	125		4		100
BU208D	#1500	700	5	80	5			1000	1500	8		1.5 5	1		1.5	4.5			4		100
										2.25		4.5 5									
BU326	# 800	375	10	75	6			1000	800	**	25	1 5	1.5		1.4	2.5			6		200
													3		1.6	4					
BU326A	# 900	400	10	75	6			1000	900	**	25	1 5	1.5		1.4	2.5			6		200
													3		1.6	4					
BU608	400	200	6	90	7	100	330	\$5000	400				1.0		1.5	6		10			500
CDN055	50	50	5	50	5	200	50			25	100	2 2	1			2					

#NOTE: V_{CES}
 ** : Typical Value
 \$: I_{CEV}