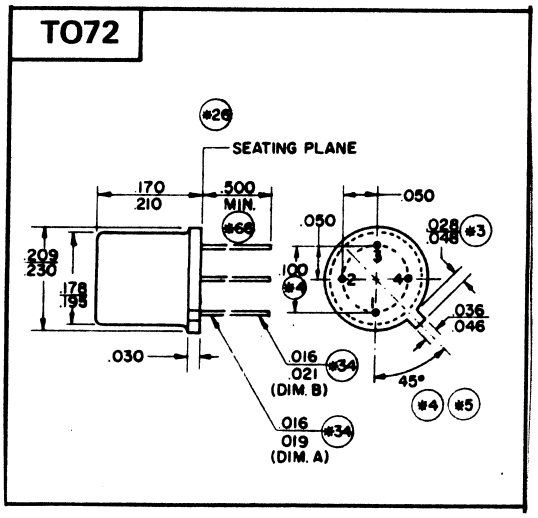
New Jersey Semi-Conductor Products, Inc.

20 STERN AVE.
SPRINGFIELD, NEW JERSEY 07081
U.S.A.

TELEPHONE: (973) 376-2922
(212) 227-6005
FAX: (973) 376-8960

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																				
Type No.	V_{CBO} (V) Min	V_{CEO} (V) Min	V_{EBO} (V) Min	P_D (W) @Ta=25°C	I_C (A)	I_{CBO} (μA) Max	@ V_{CB} (V)	I_{CES} Max	V_{CE}	h_{FE} Min	@ Max	I_C & (mA)	V_{CE} (V)	$V_{CE(SAT)}$ (V) Max	& Min	$V_{BE(SAT)}$ (V) Max	@ (mA)	C_{ob} (pF) Max	f_t (MHz) Min	Typ	@ Max	I_C (mA)	NF (dB) Max	@ Freq (MHz)	Cre (pF) Max	CDIL Case Style
2N3933	40	30	2.5	0.2		0.01	15			60	200	2	8					0.55	750		1600	2	4	200		TO-72
2N5179	20	12	2.5	0.2	0.05	0.02	15			25	250	3	1	0.4		1	10	1	900		2000	5	4.5	200		TO-72
2N917	30	15	3	0.2	0.05	1	15			20	200	3	1	0.4		1	10	2	6			4				TO-72
2N918	30	15	3	0.2	0.05	0.01	15			20		3	1	0.4		1	10	1.7	600			4				TO-72
2SC2570	25	12	3	0.6	0.07	0.1	15			40	200	20	10					0.9			5000	20	3	1000		TO-72-1
2SC568	30	15	3	0.2	0.02	0.1	15			30	250	2	6					1	2			5	5			TO-72
BF115	50	30	5	0.145	0.03					48 40	167	1 20	10 2							230		1				TO-72
BF167	40	30	4	0.15	0.03			0.05	10	30		4	10													TO-72-1
BF173	40	25	4	0.2	0.03					15 38		20 7	2 10								550	5	3.5	36		TO-72
BF180	30	20	3	0.15	0.02	0.1	20			13 6		2 12	10 7													TO-72
BF181	30	20	3	0.15	0.02	0.1	20			13 6		2 12	10 7													TO-72
BF182	25	20	3	0.15	0.02	0.4	15			10		2	10							650		2	3.3		0.33	TO-72-1
BF184	30	20	5	0.145	0.03					67	220	1	10	0.7		0.74 1	1 20		200			1	2		0.9	TO-72-1
BF185	30	20	5	0.145	0.03					36	125	1	10	0.7		0.74 1	1 20		200	260		1	2		0.9	TO-72-1
BF200	30	20	3	0.15	0.02	0.1	40			15 6		3 12	10 7													TO-72



CDIL Code Style	PIN 1	PIN 2	PIN 3	PIN 4
TO-72	Emitter	Base	Collector	Case
TO-72-1	Base	Emitter	Collector	Case
TO-72-2	Source	Drain	Gate	Case

NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.

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