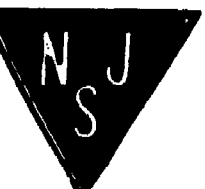


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NPN DEVICE	CASE	BREAKDOWN VOLTAGES			h_{FE}				SAT. VOLTAGES (Max.)			
		V_{CB}	V_{CE}	V_{EB}	V_{CE} (V)	I_C (A)	Min.	Max.	I_C (A)	I_B (A)	V_{CE} (V)	V_{BE} (V)
2N2106	TO-5	60	60	8	10	0.2	12	36	0.2	0.04	5	3
2N2107	TO-5	60	60	8	10	0.2	30	90	0.2	0.04	2	2
2N2108	TO-5	66	60	8	10	0.2	75	200	0.2	0.01	2	2
2N2150	TO-111	125	80	8	5	1	20	60	1	0.1	1.25	2
2N2151	TO-111	125	80	8	5	1	40	120	1	0.1	1.25	2
2N2657	TO-5	80	60	8	2	1	40	120	1	0.1	0.5	2
2N2658	TO-5	100	80	8	2	1	40	120	1	0.1	0.5	2
2N2726	TO-5	200	150	10	10	0.2	30	90	0.2	0.04	2	3
2N2727	TO-5	200	150	10	10	0.2	75	150	0.2	0.04	2	3
2N2779	TO-63	250	250	15	4	25	10		25	5	1.5	3
2N2780	TO-63	300	300	15	4	25	10		25	5	1.5	3
2N2811	TO-61	80	60	8	5	5	20	60	5	0.5	0.5	1
2N2812	TO-61	80	60	8	5	5	40	120	5	0.5	0.5	1
2N2813	TO-61	120	80	8	5	5	20	60	5	0.5	0.5	1
2N2814	TO-61	120	80	8	5	5	40	120	5	0.5	0.5	1
2N2876	TO-60	80	60	4	5	2.5	5		2.5			
2N2877	TO-111	80	60	8	2	1	20	60	1	0.1	0.25	1
2N2878	TO-111	80	60	8	2	1	40	120	1	0.1	0.25	1
2N2879	TO-111	100	80	8	2	1	20	60	1	0.1	0.25	1
2N2880	TO-111	100	80	8	2	1	40	120	1	0.1	0.25	1
2N2890	TO-5	100	80	5	2	1	30	90	1	0.2	0.75	1
2N2891	TO-5	100	80	5	2	1	50	150	1	0.2	0.75	1
2N2892	TO-111	100	80	5	2	1	30	90	1	0.2	0.75	1
2N2893	TO-111	100	80	50	2	1	50	150	1	0.2	0.75	1
2N2983	TO-5	150	80	8	5	0.5	20	60	0.5	0.1	0.6	1
2N2984	TO-5	185	120	8	5	1	20	60	1	0.4	1.25	2
2N2985	TO-5	150	80	8	5	1	40	120	1	0.4	1.25	2
2N2986	TO-5	185	120	8	5	1	40	120	1	0.4	1.25	2
2N2987	TO-5	95	80	7	5	0.2	25	75	0.2	0.02	0.8	1
2N2988	TO-5	155	100	7	5	0.2	25	75	0.2	0.02	0.8	1
2N2989	TO-5	95	80	7	5	0.2	60	120	0.2	0.02	0.8	1
2N2990	TO-5	155	100	8	5	0.2	60	120	0.2	0.02	0.8	1



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.

Technical drawing of a mechanical assembly, likely a valve or actuator, showing dimensions and callouts. The drawing includes a cross-section of a hexagonal head with internal components and a side view of the actuator body. Dimensions are provided in inches, with some values in parentheses indicating tolerances or specific callouts. Callouts include (17), (16), (13), (14), and (18).

Key dimensions and callouts:

- Top hexagonal head:
 - Overall width: .170 (17)
 - Internal width: .213
 - Internal height: .667
 - Internal height: .587
 - Internal width: .340 (17)
 - Internal width: .415
 - Internal height: .610
 - Internal height: .687
- Actuator body:
 - Overall width: .046 (16)
 - Internal width: .077
 - Internal height: .570
 - Internal height: .610
 - Internal width: .047 (13)
 - Internal width: .072
 - Internal height: .270 (14)
 - Internal height: .325
 - Internal height: .460
 - Internal width: .220 (18)
 - Internal width: .2368
 - Internal width: .249
 - Internal height: .422
 - Internal height: .488
- Bottom section:
 - Overall width: .080
 - Internal width: .150
 - Internal height: .090 MAX.