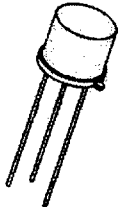
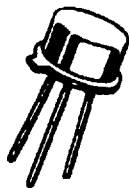


# NEW ENGLAND SEMICONDUCTOR

## SMALL SIGNAL NPN TRANSISTOR TO-5/TO205AD/TO-39

PACKAGE	DEVICE TYPE	V <sub>CEO</sub> (sus) VOLTS	I <sub>C</sub> (max) AMPS	h <sub>FE</sub> @ I <sub>C</sub> / V <sub>CE</sub> min/max @ mA/V	V <sub>CE(sat)</sub> @ I <sub>C</sub> /I <sub>B</sub> V @ mA/mA	C <sub>QF</sub> p	f <sub>T</sub> (MHz)
TO-5 TO205AD  	2N697	40 <sup>h</sup>	0.8	40/120@150/10	1.5@150/15	35	50
	2N1711	50 <sup>h</sup>	1.0	100/300@150/10	1.5@150/15	25	70
	2N1613 <sup>^</sup>	50 <sup>h</sup>	0.5	40/120@150/10	1.5@150/15	25	60
	2N1893	80	0.5	40/120@150/10	1.2@50/5	15	50
	2N2218 <sup>^</sup>	30	0.8	20@150/1	0.4@150/15	8	250
	2N2218A <sup>^</sup>	40	0.8	20@150/1	0.3@150/15	8	250
	2N2219 <sup>^</sup>	30	0.8	50@150/1	0.4@150/15	8	250
	2N2219A <sup>^</sup>	40	0.8	50@150/1	0.3@150/15	8	300
	2N2270	45	1.0	50/200@150/10	0.4@150/15	15	100
	2N3019 <sup>^</sup>	80	1.0	100/300@150/10	0.2@150/15	12	100
TO-39  	2N3020	80	1.0	40/120@150/10	0.2@150/15	12	80
	2N3053A	60	0.7	50/250@150/10	1.3@150/15	15	100
	2N3114	150	0.2	30/120@30/10	1.0@50/5	9	40
	2N3300	30	0.5	100/300@150/10	.22@150/15	8	250
	2N3498 <sup>^</sup>	100	0.5	40/120@150/10	0.6@300/30	10	150
	2N3499 <sup>^</sup>	100	0.5	100/300@150/10	0.6@300/30	10	150
	2N3500 <sup>^</sup>	150	0.3	40/120@150/10	0.4@150/15	8	150
	2N3501 <sup>^</sup>	150	0.3	100/300@150/10	0.4@150/15	8	150
	2N3724	30	0.5	35@500/1	0.42@500/50	10	300
	2N3725	50	0.5	35@500/1	0.52@500/50	10	300
	2N5681	100	1.0	40/150@250/2	0.6@250/25	50	30
	2N5682	120	1.0	40/150@250/2	0.6@250/25	50	30

<sup>h</sup> V<sub>CER</sub>

<sup>^</sup>Available in JAN, JANTX, JANTXV

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