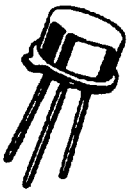
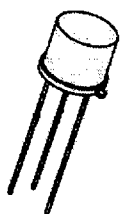


NEW ENGLAND SEMICONDUCTOR

BIPOLAR NPN TRANSISTOR TO-39/TO-5

PACKAGE	DEVICE TYPE	V _{CEO} (sus) VOLTS	I _C (max) AMPS	h _{FE} @ I _C / V _{CE} (min/max @ A/V)	V _{CE(sat)} @ I _C /I _B (V @ A/A)	P _D * WATTS	f _T (MHz)
NPN TO-39 	2N4150 [^]	70	5.0	40-120@5/5	.6@5/.5	8.75	15
	2N5010	500 ^h	.5	30-180@.025/10	1.4@.025/.005	4	15 ^t
	2N5011	600 ^h	.5	30-180@.025/10	1.5@.025/.005	4	15 ^t
	2N5012	700 ^h	.5	30-180@.025/10	1.6@.025/.005	4	15 ^t
	2N5013	800 ^h	.5	30-180@.02/10	1.6@.02/.005	4	15 ^t
	2N5152	80	2.0	30-90@2.5/5	.75@2.5/.25	11.7	40 ^t
NPN TO-5 	2N5154	80	2.0	70-200@2.5/5	.75@2.5/.25	11.7	40 ^t
	2N5237 [^]	120	5.0	40-120@5/5	.6@5/.5	8.75	25
	2N5238 [^]	170	5.0	40-120@5/.5	.6@5/.5	8.75	25
	2N5337	80	5.0	60-240@2/2	1.2@5/.5	6	30
	2N5338	100	5.0	30-120@2/2	1.2@5/.5	6	30
	2N5339 [^]	100	5.0	60-240@2/2	1.2@5/.5	6	30
	2N5662 [^]	200	1.0	40-120@0.5/5	0.4@1/0.1	2.0	20
	2N5663 [^]	300	1.0	25-75@0.5/5	0.4@1/0.1	2.0	20
	2N5666 [^]	250	5.0	40-120@1/5	0.4@3/.3	1.2	20
	2N5667 [^]	400	5.0	25-75@1/5	0.4@3/.6	1.2	20

* T_C = 25°C

^h V_{CER}

^t Typical

[^] Available in JAN, JANTX, JANTXV