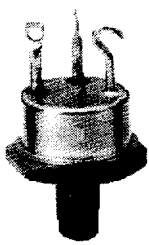



**NEW ENGLAND SEMICONDUCTOR**

**BIPOLAR  
NPN TRANSISTOR  
TO-63**

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 @ A/V)	V <sub>CE(sat)</sub> @ I <sub>C</sub> /I <sub>B</sub> (V @ A/A)	P <sub>D</sub> ** WATTS	f <sub>T</sub> (MHZ)
NPN TO-63  	2N3265	90	20	25-55@15/2	1@20/2	100	20
	2N3266	60	20	20-80@15/3	1.6@20/2	100	20
	2N3846	200	20	40-200@5/3	.75@10/1.6	150	10
	2N3847	300	20	40-200@5/3	.75@10/1.6	150	10
	2N4002	80	30	20-80@15/4	1.2@30/4	100	30
	2N4003	100	30	20-80@15/4	1.2@30/4	100	30
	2N5539	130	20	20-75@10/5	.8@15/1.5	100	20
	2N6046	60	20	20-100@20/4	2@20/1.33	114	30
	2N6047	100	20	20-100@20/4	2@20/1.33	114	30
	2N6048	140	20	20-100@20/4	2@20/1.33	114	30
	2N6215	80	50	25-150@25/2	1.5@50/5	125	20
	2N6278	100	50	30-120@20/4	1.2@20/2	143	30
2N6279	120	50	30-120@20/4	1.2@20/2	143	30	

**NPN TRANSISTOR  
TO-114**

NPN TO-114  	2N3150	100	70	>10@50/3	1.5@50/10	200	.1
	2N4865	80	90	10-40@70/5	2.5@70/7	200	10
	2N4866	120	90	10-40@70/5	2.5@70/7	200	10
	2N5250	100	90	10-40@70/5	2.5@70/7	200	10
	2N5251	150	90	10-40@70/5	2.5@70/7	200	10
	2N5927	120	100	10-40@70/2	75@70/7	200	1

\*\* T<sub>C</sub> = 100°C