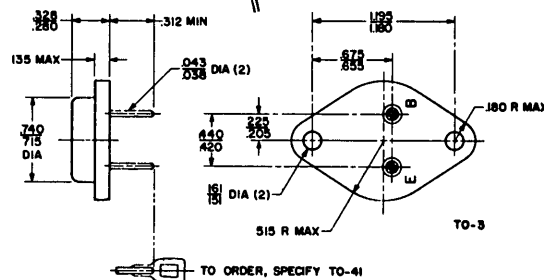


industrial power transistors

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SILICON NPN TRANSISTORS (15 Amp)

TYPE NUMBER	CASE SIZE	BREAKDOWN VOLTAGES			h_{FE}			CUTOFF CURRENT		
		V_{CB}	V_{CE}	V_{EB}	@ V_{CE}	@ I_c A	Min.	Max.	@ V_{CB}	(μ A)
2N1069	TO-3	60	45	9.0	4.0	1.5	10	50	60	1.0 ma
2N1070	TO-3	60	45	9.0	4.0	1.5	10	50	60	1.0 ma
2N1487	TO-3	60	40	10	4.0	1.5	15	45	30	25
2N1488	TO-3	100	55	10	4.0	1.5	15	45	30	25
2N1489	TO-3	60	40	10	4.0	1.5	25	75	30	25
2N1490	TO-3	100	55	10	4.0	1.5	25	75	30	25
2N1702	TO-3	60	40	6.0	4.0	0.8	15	60	30	200
2N2305	TO-3	60	40	10	4.0	0.8	15	60	30	200
2N3226	TO-3	35	35	6.0	3.0	2.0	20	50	35	.2 ma
2N3232	TO-3	80	60	6.0	10	3.0	18	55	80	1.0 ma
2N3233	TO-3	110	100	6.0	10	3.0	18	55	100	1.0 ma
2N3234	TO-3	160	160	6.0	10	3.0	18	55	100	1.0 ma
2N3235	TO-3	65	55	7.0	4.0	4.0	20	70	90	5.0 ma
2N3236	TO-3	90	90	7.0	4.0	5.0	17	60	90	2.0 ma
2N3442	TO-3	160	140	7.0	4.0	3.0	20	70	100	1.0 ma
2N3863	TO-3	70	50	7.0	2.0	3.0	30	60	50	1.0 ma
2N3864	TO-3	110	90	7.0	2.0	3.0	30	90	90	1.0 ma
2N4347	TO-3	140	120	7.0	4.0	2.0	15	60	100	1.0 ma
2N4395	TO-3	60	40	4.0	1.0	2.0	50	170	55	.1 ma
2N4396	TO-3	80	60	4.0	1.0	2.0	40	170	73	.1 ma
2N5559	TO-3	150	120	7.0	2.0	4.0	12	60	100	.1 ma
B170000	TO-3	50	40	8	4.0	1.0	30	—	40	30 ma
B170001	TO-3	50	40	8	4.0	3.0	20	—	40	30 ma
B170002	TO-3	50	40	8	4.0	5.0	12	—	40	30 ma



$\theta_{J-C} = 1.2^\circ\text{C/Watt}$ (83 Watts Max. @ $T_C = 100^\circ\text{C}$)
 $\theta_{J-A} = 45^\circ\text{C/Watt}$