

# POWER TRANSISTORS

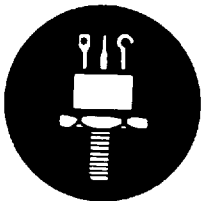
T-33-11



**TO-57**

TYPE NO.	PT @ 25°C Watts	MAXIMUM RATINGS				hfe @				Sat Voltages		Test Conditions		I <sub>EBO</sub> ma
		BV <sub>CB0</sub>	BV <sub>CE0</sub>	BV <sub>EB0</sub>	I <sub>C</sub>	MIN	MAX	I <sub>C</sub>	V <sub>CE</sub>	V <sub>CE</sub>	V <sub>BE</sub>	I <sub>C</sub>	I <sub>B</sub>	
		V	V	V	A									
2N1047	40	80	80	6	.5	12	36	.5	10	7.5	6.0	.5	.1	.250
2N1048	40	120	120	6	.5	12	36	.5	10	7.5	6.0	.5	.1	.250
2N1049	40	80	80	6	.5	30	90	.5	10	7.5	6.0	.5	.1	.250
2N1050	40	120	120	6	.5	30	90	.5	10	7.5	6.0	.5	.1	.250
†2N1047A	40	80	80	10	.5	12	36	.5	10	7.5	6.0	.5	.1	.250
†2N1048A	40	120	120	10	.5	12	36	.5	10	7.5	6.0	.5	.1	.250
†2N1049A	40	80	80	10	.5	30	90	.5	10	7.5	6.0	.5	.1	.250
†2N1050A	40	120	120	10	.5	30	90	.5	10	7.5	6.0	.5	.1	.010
2N1047B	40	80	80	10	.75	12	36	.5	10	2.0	1.6	.5	.1	.010
2N1048B	40	120	120	10	.75	12	36	.5	10	2.0	1.6	.5	.1	.010
2N1049B	40	80	80	10	.75	30	90	.5	10	2.0	1.6	.5	.1	.010
2N1050B	40	120	120	10	.75	30	90	.5	10	2.0	1.6	.5	.1	.010
2N1690	40	80	80	10	.5	20	60	.5	10	7.5	6.0	.5	.1	.250
2N1691	40	120	120	10	.5	20	60	.5	10	7.5	6.0	.5	.1	.250
2N1768	40	60	40	12	3.0	35	100	.75	4	.75	2.5	.5	.1	.015
2N1769	40	100	55	12	3.0	35	100	.75	4	.75	2.5	.5	.1	.015

# POWER TRANSISTORS



**TO-61**

TYPE NO.	PT @ 25°C Watts	MAXIMUM RATINGS				hfe @				Sat Voltages		Test Conditions		I <sub>EBO</sub> ma
		BV <sub>CB0</sub>	BV <sub>CE0</sub>	BV <sub>EB0</sub>	I <sub>C</sub>	MIN	MAX	I <sub>C</sub>	V <sub>CE</sub>	V <sub>CE</sub>	V <sub>BE</sub>	I <sub>C</sub>	I <sub>B</sub>	
		V	V	V	A									
2N1208	85	60	60	10	5	15	60	2	12	5	4	2	.25	10
2N1209	85	60	45	5	5	20	80	2	12	3	4	2	.25	10
2N1212	85	60	60	10	5	12	36	1	15	5	8	1	.2	10
2N1616	60	60	60	18	5	15	75	2	12	2	3	2	.25	10
2N1616A	85	60	60	10	7.5	20	60	2	4	1	2	2	.2	.050
2N1617	60	80	80	8	5	15	75	2	12	2	3	2	.25	10
2N1617A	85	80	70	10	7.5	20	60	2	4	1	2	2	.2	.050
2N1618	60	100	80	8	5	15	75	2	12	2	3	2	.25	10
*2N1724	50	175	80	10	5	30	90	2	15	.6	1.2	2	.2	.4
2N2101	75	60	40	10	3	15	60	1	15	5	8	1	.2	.050

†JAN available

\*JAN and JANTX

# Solid Power Corporation