New Jersey Semi-Conductor Products, Inc.

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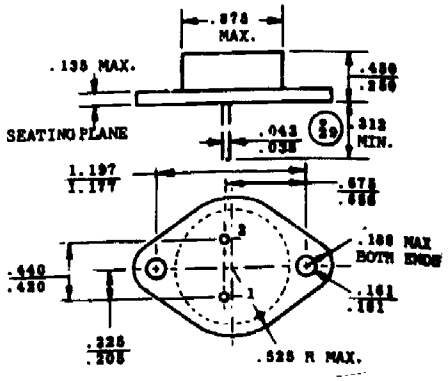
DTS401 – DTS403
DTS409 – DTS411
DTS413

NPN & PNP HIGH VOLTAGE SILICON HIGH POWER TRANSISTORS

Industry Type	Power Dissipation @ 25 °C (watts)	V_{CEV} (volts)	V_{CED} (volts)	I_{CEV} (volts)	I_{CEV} mA	h_{FE} @ I_C (Min.)	I_C A	$V_{CE(SAT.)}$ (volts)	$V_{BE(SAT.)}$ (volts)	I_C A	COB pF	f_T (MHz)	CASE STYLE
MJ-13071	150	750	450	750	.50	8.0	3.0	1.0	1.5	3.0	250	—	TO-3
MJ-13080	150	650	400	650	.50	8.0	5.0	1.0	1.5	5.0	300	—	TO-3
MJ-13081	150	750	450	750	.50	8.0	5.0	1.0	1.5	5.0	300	—	TO-3
MJ-13090	175	650	400	650	.50	8.0	10	1.0	1.5	10	350	—	TO-3
MJ-13091	176	750	450	750	.50	8.0	10	1.0	1.5	10	350	—	TO-3
MJ-13100	175	650	400	650	.50	8.0	15	1.0	1.5	15	450	—	TO-3
MJ-13101	176	750	450	750	.50	8.0	15	1.0	1.5	15	450	—	TO-3
MJ-13330	175	400	200	400	.25	8.0	10	1.5	1.8	10	400	5.0	TO-3
MJ-13331	175	450	250	450	.25	8.0	10	1.5	1.8	10	400	5.0	TO-3
MJ-13332	175	650	350	650	.25	10	5.0	1.8	1.8	10	600	—	TO-3
MJ-13333	175	700	400	700	.25	10	5.0	1.8	1.8	10	600	—	TO-3
MJ-13334	175	750	450	750	.25	10	5.0	1.8	1.8	10	500	—	TO-3
MJ-13335	175	800	500	800	.25	10	5.0	1.8	1.8	10	500	—	TO-3
MJ-15011	200	250	250	250	.50	20	2.0	2.5	2.0	4.0	750	—	TO-3
MJ-15012	200	250	250	250	.50	20	2.0	2.5	2.0	4.0	750	—	TO-3
MJ-15022	250	350	200	200	.25	15	8.0	1.4	2.2	8.0	500	4.0	TO-3
MJ-15023	250	350	200	200	.25	15	8.0	1.4	2.2	8.0	600	4.0	TO-3
MJ-15024	250	450	250	250	.25	15	8.0	1.4	2.2	8.0	500	4.0	TO-3
MJ-15025	250	400	250	250	.25	15	8.0	1.4	2.2	8.0	600	4.0	TO-3
MJ-16002	125	850	450	850	.25	5.0	5.0	1.5	2.0	5.0	200	—	TO-3
MJ-16004	125	850	450	850	.25	7.0	5.0	1.5	2.0	5.0	200	—	TO-3
MJ-16006	150	850	450	850	.25	5.0	8.0	1.5	2.0	8.0	—	—	TO-3
MJ-16006A	150	1000	500	1000	.25	5.0	8.0	1.5	1.5	5.0	350	—	TO-3
MJ-16008	150	850	450	850	.25	7.0	8.0	1.5	2.0	8.0	—	—	TO-3
MJ-16010	175	850	450	850	.25	5.0	15	1.5	2.0	15	400	—	TO-3
MJ-16010A	175	1000	500	1000	.25	5.0	15	1.5	1.5	15	400	—	TO-3
MJ-16012	175	850	450	850	.25	7.0	15	1.5	2.0	15	400	—	TO-3
MJ-16018	175	1500	800	1500	.25	7.0	5.0	1.5	1.5	5.0	400	—	TO-3
DTS-401	75	400	400***	400	.05	20	.50	.80	1.5	.50	—	2.0	TO-3
DTS-402	100	700	400***	700	.15	10	3.0	2.0	1.5	3.0	—	2.0	TO-3
DTS-403	100	400	400***	400	.05	5.0	3.5	2.0	1.1	3.5	—	2.0	TO-3
DTS-409	100	400	400***	400	.05	15	1.0	1.2	1.5	1.0	—	2.0	TO-3
DTS-410	100	200	1000***	200	.05	30	1.0	.80	1.5	1.0	—	2.0	TO-3
DTS-411	100	300	900***	300	.05	30	1.0	.80	1.5	1.0	—	2.0	TO-3
DTS-413	75	400	900***	400	.05	20	.50	.80	1.5	.50	—	2.0	TO-3



Quality Semi-Conductors

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