

TO-39 Metal-Can Package Transistors (PNP)

Maximum Ratings							Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																	
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°C	I _C (A)	I _{CM} (A)	I _{CBO} (μA) Max	V _{CB} (V) @	I _{CES} (μA) Max	V _{CE} (V) @	h _{FE} Min	β Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Min	I _C (mA) Max	C _{ob} (pF) Min Max Typ	f _t (MHz) Min Typ	β Max	I _C (mA)	t(off) (ns) Max	NF (dB) Max	β @ Freq (MHz) Max
2N2904	60	40	5	0.6	0.6		0.02	50			20		500	10	0.4	1.3	150	8	200		50	100		
											40	120	150	10	1.6	2.6	500							
											35		10	10										
											25		1	10										
											20		0.1	10										
2N2904A	60	60	5	0.6	0.6		0.01	50			40		500	10	0.4	1.3	150	8	200		50	100		
											40	120	150	10	1.6	2.6	500							
											40		10	10										
											40		1	10										
											40		0.1	10										
2N2905	60	40	5	0.6	0.6		0.02	50			30		500	10	0.4	1.3	150	8	200		50	100		
											100	300	150	10	1.6	2.6	500							
											75		10	10										
											50		1	10										
											35		0.1	10										
2N2905A	60	60	5	0.6	0.6		0.01	50			50		500	10	0.4	1.3	150	8	200		50	100		
											100	300	150	10	1.6	2.6	500							
											100		10	10										
											100		1	10										
											75		0.1	10										
2N3072	60	60	4	0.8	0.5				0.01	30	15		300	2	0.25	1.2	50	10	130		50	100		
											30	130	50	1	1	2	300							
2N3073	60	60	4						0.01	30	15		300	2	0.25	1.2	50	10	130		50	100		
											30	130	50	1	1	2	300							
2N3502	45	45	5	0.6	0.6		0.01	30			50		500	10	0.25	1	50	8	200		50	100	4	
											100	300	150	10	0.4	1.3	150							
											140		10	10	1.6	2	500							
											135		1	10										
											120		0.1	10										
											80		0.01	10										
2N3503	60	60	5	0.6	0.6		0.01	50			50		500	10	0.25	1	50	8	200		50	100	4	
											100	300	150	10	0.4	1.3	150							
											140		10	10	1.6	2	500							
											135		1	10										
											120		0.1	10										
											80		0.01	10										
2N3635	140	140	5	1	1		0.1	100			80		0.1	10	0.3	0.8	10	10	200		30	600	3	0.001
											90		1	10	0.5	0.65	0.9	50						
											100		10	10										
											100	300	50	10										
											50		150	10										
2N3636	175	175	5	1	1		0.1	100			40		0.1	10	0.3	0.8	10	10	150		30	600	3	0.001
											45		1	10	0.5	0.65	0.9	50						
											50		10	10										
											50	150	50	10										
											25		150	10										
2N3637	175	175	5	1	1		0.1	100			80		0.1	10	0.3	0.8	10	10	200		30	600	3	0.001
											90		1	10	0.5	0.65	0.9	50						
											100		10	10										
											100	300	50	10										
											50		150	10										
2N4030	60	60	5	0.8		1	0.05	50			15		1000	5	1		1000	20						
											25		500	5	0.5		500							
											40	120	100	5	0.15	0.9	150							
											30		0.1	5										