

TO-105

EPOXY PACKAGE TRANSISTORS (PNP)

Maximum Ratings						Electrical Characteristics													(Ta=25°C, Unless Otherwise Specified)			
Type No.	V _{CB0} (V) Min	V _{CEO} (V) Min	V _{EB0} (V) Min	I _{CB0} (μA) Max	V _{CB} (V) Min	h _{FE} Max	h _{FE} Max	I _C & (mA) (V)	V _{CE(Sat)} (V) Max	V _{CE(Sat)} (V) Min	V _{BE(Sat)} (V) Max	I _C (mA) Max	C _{ob} (pF) Max	f _T (MHz) Min	f _T (MHz) Typ	I _C (mA) Max	NF (dB) Max	Freq (MHz) Max	t _{off} (ns) Max			
2N4356	80	80	5.0	0.05	50	30		500.0	10	0.15		0.90	150	30.0	100		500	50	3	400		
						40		100.0	10	0.50		1.10	500									
						50	250	10.00	10													
						40		1.00	10													
						25		0.10	10													
2N3645	60	60	5.0			40		0.10	10	0.40		1.30	150	8.0	200		20					
						80		1.00	10	1.00	0.8	2.00	300									
						100		10.00	10	0.25		1.00	50									
						100	300	50.0	10													
						20		300.0	2													
80	240	50.00	1																			
2N4354	60	60	5.0	0.05	50	30		500.0	10	0.15		0.90	150	30.0	100		500	50	3	400		
						40		100.0	10	0.50		1.10	500									
						50	500	10.00	10													
						40		1.00	10													
						25		0.10	10													
2N4355	60	60	5.0	0.05	50	75		500.0	10	0.15		0.90	150	30.0	100		500	50	3	400		
						75		100.0	10	0.50		1.10	500									
						100	400	10.00	10													
						75		1.00	10													
						60		0.10	10													
2N3644	45	45	5.0	0.04	30	20		300.0	2	0.25		1.00	50	8.0	200		20			100		
						100	300	150.0	10	0.40		1.30	150									
						80	240	50.00	1	1.00	0.8	2.00	300									
						100		10.00	10													
						80		1.00	10													
40		0.10	10																			
C1L295	45	45	5.0	0.50	30	40	120	50.00	1	0.50		150	8.0	100								
C1L296	45	45	5.0	0.50	30	100	300	50.00	1	0.50		150	8.0	100								
C1L297	60	40	5.0	0.50	40	40	120	50.00	1	0.50		150	6.0	200								
C1L298	60	40	5.0	0.50	40	100	300	50.00	1	0.50		150	6.0	200								
2N3638	25	25	4.0	0.04	15	20		300.00	2	0.25	0.8	1.10	50	20.0	100		50			170		
						20		50.00	1	1.00	0.8	2.00	300									
						30		10.00	10													
2N3638A	25	25	4.0	0.03	15	20		300.0	2	0.25	0.8	1.10	50	10.0	150		50					
						100		50.00	1	1.00	0.8	2.00	300									
						100		10.00	10													
						80		1.00	10													
C1L591	20	15	7.0	0.50	10	40	150	50.00	1	0.40		150	12.0	100								
C1L592	20	15	7.0	0.50	10	100	300	50.00	1	0.40		150	12.0	100								

NOTE: TYPICAL VALUES