

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 _{EBO} (V) Min	I _{CB0} (μA) Max	V _{CB} (V) Min	h _{FE} Max	h _{FE} Max	I _C & V _{CE} (mA) (V)	V _{CE(Sat)} (V) Max	V _{BE(Sat)} (V) Min	I _C (mA) Max	C _{ob} (pF) Max	f _T (MHz) Min	f _T (MHz) Typ	f _T (MHz) Max	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		150	30.0	100	500	50	3		400	
						40		100.0 10	0.50		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		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											
2N4354	60	60	5.0	0.05	50	30		500.0 10	0.15		150	30.0	100	500	50	3		400	
						40		100.0 10	0.50		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		150	30.0	100	500	50	3		400	
						75		100.0 10	0.50		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		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											
CIL295	45	45	5.0	0.50	30	40	120	50.00 1	0.50		150	8.0		100					
CIL296	45	45	5.0	0.50	30	100	300	50.00 1	0.50		150	8.0		100					
CIL297	60	40	5.0	0.50	40	40	120	50.00 1	0.50		150	6.0		200					
CIL298	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		300.0 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											
CIL591	20	15	7.0	0.50	10	40	150	50.00 1	0.40		150	12.0		100					
CIL592	20	15	7.0	0.50	10	100	300	50.00 1	0.40		150	12.0		100					

NOTE: TYPICAL VALUES