

TO-105

EPOXY PACKAGE TRANSISTORS (PNP)

Maximum Ratings					Electrical Characteristics										(Ta=25°C, Unless Otherwise Specified)				
Type No.	V _{CB0} (V)	V _{CEO} (V)	V _{EBO} (V)	I _{CB0} (μA)	V _{CB} (V)	h _{FE}		I _C & V _{CE} (mA) (V)	V _{CE(Sat)} & V _{BE(Sat)} (V)		I _C (mA)	C _{ob} (pF)	f _T (MHz)		NF (dB)	Freq (MHz)	t _{off} (ns)		
	Min	Min	Min	Max	Min	Max	Max	Max	Max	Min	Max	Max	Max	Min	Typ	Max	Max	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		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				
						100	300	50.00	1	0.50		150							
						40	120	50.00	1	0.50		150							
						100	300	50.00	1	0.50		150							
						40	120	50.00	1	0.50		150							
2N3638	25	25	4.0	0.04	15	20		300.0	2	0.25	0.8	1.10	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	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

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