

TO-105

EPOXY PACKAGE TRANSISTORS (NPN)

Maximum Ratings						Electrical Characteristics										(Ta=25°C, Unless Otherwise Specified)			
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	I _{CBO} (μA) Max	V _{CB} (V) Min	h _{FE} Max	h _{FE} Max	I _C & (mA) (V)	V _{CE} (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	I _C (mA) Max	NF (dB) Max	Freq (MHz) Max	t _{on} (ns) Max
CIL597	100	80	7.0	0.50	60	40	120	50.00	1	0.50		1.20	150	20.0	100		100		
2N3642	60	45	5.0	0.05	50	15	120	500.0	10	0.22			150	8.0	250		50		
						40	120	150.0	10										
CIL595	60	45	7.0	0.50	20	40	120	50.00	1	0.50		1.20	150	20.0	100		100		
CIL596	60	45	7.0	0.50	20	100	300	50.00	1	0.50		1.20	150	20.0	100		100		
2N3567	80	40	5.0	0.05	40	40	120	150.0	1	0.25			150	20.0	60		600	50	
						40		30.00	1										
2N3569	80	40	5.0	0.05	40	100	300	150.0	1	0.25			150	20.0	60		600	50	
						100		30.00	1										
CIL761	60	40	5.0	0.50	30	20	100	50.00	1	0.50			150	8.0	300				
CIL762	60	40	5.0	0.50	30	40	120	50.00	1	0.50			150	8.0	300				
CIL763	60	40	5.0	0.50	30	100	300	50.00	1	*0.50			150	8.0					
CIL771	40	40	5.0	0.50	30	20	100	50.00	1	1.00			300	8.0					
CIL772	40	40	5.0	0.50	30	40	120	50.00	1	1.00			300	8.0					
CIL773	40	40	5.0	0.50	30	100	300	50.00	1	1.00			300	8.0					
2N3566	40	30	5.0	0.05	20	150	600	10.00	10	1.00			100	25.0	4		100	30	
						80		2.00	10										
2N3641	60	30	5.0	0.05	50	15	120	500.0	10	0.22			150	8.0	250		50		
						40		150.0	10										
2N3643	60	30	5.0	0.05	50	20	300	500.0	10	0.22			150	8.0	250		50		
						100		150.0	10										
2N3646	40	15	5.0			15		300.0	1	0.20	0.8	0.95	30	5.0	350		30		28
						25		100.0	1	0.28		1.20	100						
						300	120	30.00		0.50		1.70	300						

NOTE *: TYPICAL VALUES.