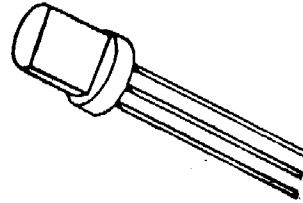
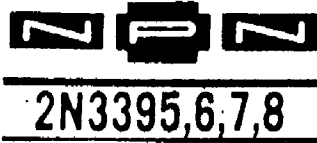


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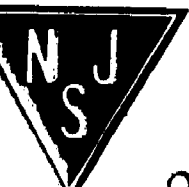
electrical characteristics: (25°C) (unless otherwise specified)

DC Characteristics	Sym.	Min.	Max.	Units
Collector cutoff current ($V_{CE} = 25V, I_B = 0$)	I_{CBO}		0.1	ua
Emitter cutoff current ($V_{EB} = 5V, I_C = 0$)	I_{EBO}		0.1	ua
Forward current transfer ratio ($V_{CE} = 4.5V, I_C = 2\text{ ma}$)	h_{FE}			
2N3395		150	500	
2N3396		90	500	
2N3397		55	500	
2N3398		55	800	
Grounded-base, open circuit output ($V_{CE} = 10V$) Collector Capacitance ($I_E = 0, f = 1\text{ mc}$)	C_{ob}	4.5	10	pf

absolute maximum ratings: (25°C) (unless otherwise specified)

Voltages			
Collector to Emitter	V_{CEO}	25	V
Emitter to Base	V_{EBO}	5	V
Collector to Base	V_{CBO}	25	V
Current			
Collector (Steady State)*	I_C	100	ma
Dissipation			
Total Power (Free air at 25°C)**	P_T	360	mw
Total Power (Free air at 55°C)**	P_T	250	mw
Temperature			
Storage	T_{STG}	-55°C to +150°C	
Operating	T_J	+125°C	
Lead Temperature, 1/16" ± 1/32" from case for 10 seconds max.	T_L	+260°C	

NJ Semi-Conductors reserves the right to change test conditions, parameters limits and package dimensions without notice information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.



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