

MFRS. TYPE #2N2137A-2141A
 2N2142A-2146A
 ("Meg-A-Life")

I. General Description

This transistor is a PNP Germanium junction transistor designed primarily for low frequency power applications. It is intended for use in the following class of service: Industrial.

II. Absolute Maximum Ratings

A. Maximum Temperature

1. Storage Temperature -65°C to +100°C
2. Junction Temperature, T_C (Operating) +100°C

B. Maximum Voltage

	2N2137A	2N2138A	2N2139A	2N2140A	2N2141A
	2N2142A	2N2143A	2N2144A	2N2145A	2N2146A
1. Emitter Base Voltage, V_{EBO}	15	25	30	40	45V
2. Collector Base Voltage, V_{CBO}	30	45	60	75	90V
3. Collector Emitter Voltage, V_{CES}	30	45	60	75	90V

C. Maximum Current

1. Emitter Current, I_E 3A
2. Collector, I_C 3A

III. Electrical Characteristics at 25°C Mounting Base Temperature
 Unless otherwise indicated

	Min.	Max.	Units
1. Collector Current, I_{CBO} Collector Current, $V_{CB} = 2V$	--	50	μ Adc
2. Collector Current, I_{CBO}	--	2	mAdc

$I_E = 0$ $V_{CB} =$	2N2137A, 2N2142A	2N2138A, 2N2143A	2N2139A, 2N2144A	2N2140A, 2N2145A	2N2141A, 2N2146A
30Vdc					
45Vdc					
60Vdc					
75Vdc					
90Vdc					